STATE OF NORTH DAKOTA

Criminal Justice Information Sharing Project
Implementation Plan

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I. INTRODUCTION

I. INTRODUCTION

The ability of the criminal justice community in North Dakota to fulfill its public safety responsibilities relies on the effective and efficient use of resources and timely access to current, complete, and accurate information by all parties. The state of North Dakota is defining the future direction for criminal justice information sharing (CJIS) and systems integration in support of the criminal justice community by embarking on a CJIS planning project that encompasses the entire criminal justice environment. This report, Implementation Plan, represents the last of four project deliverables and it assesses the current technology environment, develops an architecture for future development, and defines the plan for implementation.

A. BACKGROUND

In the fall of 2000, North Dakota applied for and received a grant from the National Governors' Association (NGA) to develop a CJIS plan. North Dakota saw this as an excellent opportunity to bring members of the justice community together to set a direction for coordinated efforts. At about the same time, North Dakota applied for technical assistance from The National Consortium for Justice Information and Statistics (SEARCH). A criminal justice advisory committee was established consisting of a broad cross-section of people from state, county, and local organizations to support that effort. The SEARCH assessment was used in the development of the CJIS plan.

In December 2000, a team traveled to an NGA workshop in Santa Fe, New Mexico. The workshop proved to be valuable for learning what other states are doing and provided ideas for creating a governance structure. The team continued meeting (with the additional staff) to provide direction and oversight to the planning process. The staffs of the Attorney General's Office, State Court Administrator's Office, and Highway Patrol developed the short-term initiatives and next steps included in the plan.

On February 22, 2001, the advisory committee met again to review the SEARCH technical assistance report and a draft of the plan. The feedback was used to further refine the plan before submission to NGA. The plan outlined five short-term projects and three initiatives as next steps to full-scale information sharing. These short-term projects recognized the fact that there currently exists a commitment to information sharing. The integration work under way is evidence of staff in individual agencies and branches that have taken initiative and shown leadership. Success demonstrated in the implementation of these projects will form a foundation for further planning efforts.

The three long-term projects outlined in the plan reflected the commitment to criminal justice integration well into the future. To do this, it is necessary to design and develop the technical infrastructure and data standards to facilitate information sharing on a wider scale. These projects were included in a request for grant funding from the NGA and Department of Justice and resulted in this project.

B. OBJECTIVES AND SCOPE

The state of North Dakota has defined the following project objectives. In addition, the state and MTG Management Consultants, L.L.C., have developed the scope detailed later in this subsection.

1. Objectives

The primary goal of this project is to establish a framework for CJIS. In working toward this goal, the following objectives are to be achieved:

- Define the information-sharing needs of North Dakota criminal justice organizations.[1]
- Develop a conceptual design for technologies to support information exchange.
- Develop data standards for information that is shared among criminal justice organizations.
- Identify and plan the implementation of high-priority CJIS projects.

The focus of this work plan is to achieve these objectives by conducting the following tasks:

- Documenting the current technology environment supporting criminal justice within the state.
- Analyzing the current situation and needs to identify where technology improvements may be made that will increase effectiveness, integration, and data sharing.
- Identifying components of existing criminal justice information systems (IS) and reasonable migration paths toward an integrated system.
- Defining high-level information exchanges (e.g., incident reports as opposed to all data elements in an incident report) between primary justice organizations/systems within the scope of the project, where benefits from automating such exchanges might be realized.

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[1] The term "organizations" is used to represent both criminal justice agencies, i.e., departments within the state of North Dakota and the North Dakota Judiciary.

- Providing a high-level "road map" and identifying major projects that will offer a prioritized strategic approach, with associated rough cost estimates.

Accomplishing these tasks will position the state of North Dakota to realize its vision which, based on the state integrated justice report completed by SEARCH, the state's initial grant application, interviews with state justice practitioners, and input received at the CJIS technical architecture workshop, can be summarized as follows:

> *Improve public safety by providing effective and efficient justice policies, processes, and information systems required to capture and share complete, accurate, and timely information in support of program operations and informed decision making across jurisdictional and organizational boundaries statewide.*

Realizing this vision will require significant effort on the part of primary and secondary stakeholders, as well as strong support and cooperation among the organizations and people serving the justice community within the state of North Dakota.

2. Scope

The scope of this engagement is defined by three key components:

- The work plan and associated methods established to meet project objectives.
- The state criminal justice organizations within the scope of the project.
- The IS within the scope of the study, both as it applies to current systems analysis and integration planning.

a. Work Plan

In summary, key activities included are:

- Defining and executing a work plan that achieves the overall planning objectives for criminal justice integration within the state of North Dakota.
- Assessing the current technology environment within the state of North Dakota.
- Completing a needs assessment focused on information sharing and integration between justice systems and the provision of information to law enforcement officers in the field.
- Confirming the vision and goals that will drive the criminal justice community's integration and information-sharing efforts.

- Developing conceptual architectures that establish a target for improvement in order to attain the desired future technology environment.
- Establishing a prioritized migration plan, with estimated costs and time frames for moving the criminal justice technology environment toward the vision and future architectural models.
- Providing a final report that describes where the criminal justice systems are today and where they need to be in the future, as well as gives a road map for moving forward.

Completing these activities will establish the requirements and associated plans and tasks needed for the state of North Dakota to capitalize on information-sharing opportunities and achieve improved integration between criminal justice systems in the state.

b. Organizations

A clear understanding of the organizational scope for this planning project is critical to providing focus within the time and resource constraints of the project. This subsection lists the organizations within and outside the scope of this planning effort. Organizations within the scope of the project include:

- Department of Corrections and Rehabilitation (DOCR).
- Department of Transportation (DOT).
- Information Technology Department (ITD) (specific to CJIS support activities).
- North Dakota Association of Counties (NDACO).
- North Dakota Highway Patrol (NDHP).
- North Dakota Office of the Attorney General (NDAG).
- NDAG, Bureau of Criminal Investigation (BCI).
- Office of Management and Budget (State Radio).
- North Dakota Judicial Branch (NDJB).
- State's Attorneys.

In addition, as directed by the project team, MTG will work with state organizations regarding the Integrated Automated Fingerprint Identification System and other related justice IS. MTG will solicit information from local jurisdictions across the state because they are the state's primary CJIS customers. This input will be included in relevant portions of the work products. Of course, we will

also work with technology support organizations and functions within the state as they relate to criminal justice systems and infrastructures.

Although there are other justice stakeholders in the state who will be invited to participate and provide input, they are considered outside the scope of this project. Those organizations include:

- Department of Health.
- Game and Fish Department.
- Law Enforcement Training Academy.
- Legislative groups.
- North Dakota League of Cities.
- State ITD effort not related to CJIS.
- Victims' advocates.

In addition, other federal agencies, such as the FBI and DEA, and programs, such as High Intensity Drug Trafficking Area (HIDTA), are also considered outside the scope of this project, although information may be collected and utilized in support of organizations within the scope.

c. Information Systems

This subsection outlines the IS scope for the project. In general, this scope is limited to:

- Major criminal justice applications associated with case management, operational support, and research, including their platform database and server environments.
- Interfaces supporting information exchanges between criminal justice systems.
- Local area network (LAN), wireless, and wireline environments supporting criminal justice.
- Systems and infrastructure security environments related to or supporting criminal justice.
- Mobile data computing devices in law enforcement patrol vehicles.
- Current personal computing platforms and office support software environments.

Technology support functions and staffing, data center(s) infrastructure, and peripheral devices will not be included within the scope nor will detailed counts of devices (e.g., terminals, PCs, mobile data computers [MDCs]) attached to the various systems be developed.

C. PROJECT APPROACH

Our design methodology or approach for this project is based on a concise set of proven strategies or tactics. These strategies have been developed from our experience in similar projects and the needs of the state. They are:

- Utilize experienced IT and criminal justice staff.
- Actively involve the criminal justice advisory committee.
- Conduct regional work sessions and site reviews.
- Utilize information engineering-based design methods.
- Utilize structured data-gathering and analysis tools.
- Focus on functional objectives of the CJIS.

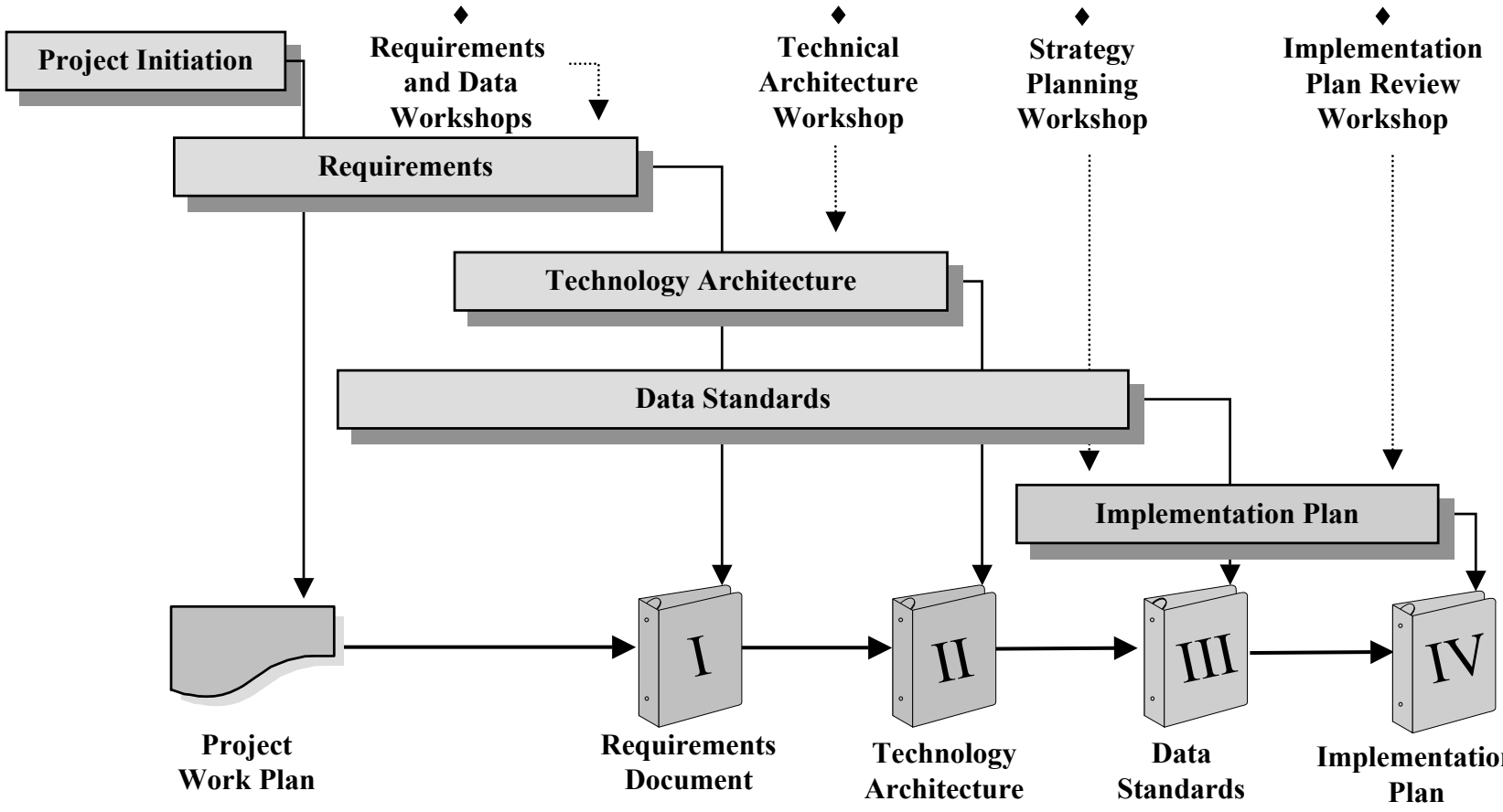
These strategies are an integral part of our approach and result in the four phases and four deliverables. The four deliverables (Requirements Document, technology architecture, data standards, and this implementation plan) create a road map for the development, acquisition, and implementation of a CJIS system that will achieve North Dakota's integration vision. EXHIBIT I-1, which follows this page, diagrams the project approach. Each of the four phases and deliverables is detailed below.

Phase I – Deliverable 1: Requirements Document

This phase of the project documents current and future functional requirements for CJIS and resulted in the Requirements Document deliverable. In this effort, MTG gathered background information about the current environment. We interviewed state organization representatives to gather technical and functional information to prepare for regional design team meetings and identify state-level CJIS requirements. We also began a series of regional meetings that focused on educating the criminal justice community on the integration model and gathered specific organization requirements around the state. These efforts provided information to participants about the current environment, gathered information about their processes and systems, and identified their needs and vision for the future. The results of the work sessions and interviews were summarized and shared with stakeholders. The information collected within this phase is presented in the Requirements Document as general and management CJIS requirements with current information exchanges identified.

STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

PLANNING APPROACH



MTG

Phase II – Deliverable 2: Technology Architecture

In this phase, we developed a design for the technology required to support the electronic exchange of information and requirements identified in Phase I. Our approach to this deliverable was to present models depicting the various alternatives or options available to the state. Examples from other state and local jurisdictions were presented in a joint application design session of technical personnel. MTG has developed information-sharing technology architectures for a number of states, including Nebraska and Kansas, and drew on this experience to focus the North Dakota CJIS effort. These designs incorporate information publication and integration requirements that helped define mechanisms which successfully provide the necessary business benefit with the minimum of financial commitment. One of the fundamental principles in the above design is the strategy to publish information as a necessary step toward integration. Publishing provides visibility for the information contained in the operational databases at both the state and local levels. This visibility allows for improvements to be made to the databases and standards to be developed such that the electronic exchange of information can occur in an operational environment. The result of this phase is a technology architecture for CJIS that is specified in the Technology Architecture document.

Phase III – Deliverable 3: Data Standards

In this phase, we developed a data architecture and standards for the future CJIS system. This architecture consists of both entity-relationship diagrams completed using the ERWIN modeling tool and a database of standard data elements. The data elements correspond to the attributes in the entity-relationship model. We started with the existing models that we developed for the state of Kansas and other states. These existing models were compared against the information collected in the primary state criminal justice databases. The work effort within this phase started with the high-level elements and cycled through increasingly more detailed revisions of the data standards. The end result is a comprehensive Data Standards document.

Phase IV – Deliverable 4: Implementation Plan

While implementation plans or strategies will have been addressed in a limited manner in some of the other three deliverables, an overall plan will need to be completed. In this phase, we defined a set of strategies and a plan for guiding the CJIS implementation. This plan brings together the other state plans or strategies and presents a concise approach to meeting the objectives of the project. A series of tactical projects were developed, forming the basis of the Implementation Plan, which utilizes a portfolio approach that identifies distinct projects. These projects can be approved and funded independently of other projects and are generally self-contained efforts. The implementation planning effort also developed a complete high-level project budget that is intended for use in the 2003 to 2005 budget planning process. The project portfolio and budget constitute this Implementation Plan deliverable and the last phase of MTG's current work on the CJIS planning project.

D. DOCUMENT ORGANIZATION

The sections and appendices in this report combine to present the baseline for development of the CJIS plan. The report is the fourth of four deliverables that will define an integration plan for the state of North Dakota.

The remainder of this document is organized as follows:

- Section II reviews the situational analysis that lead to the planning effort.
- Section III discusses the key strategic issues for the CJIS planning effort.
- Section IV reiterates and confirms the vision and goals that were established for the project and confirmed in the Technology Architecture phase of the planning process.
- Section V reiterates and confirms the strategic decisions that were made in the Technology Architecture phase of the planning process.
- Section VI describes the initiatives and implementation strategy required to address the changes identified in the Requirements Document and the vision and goals documented in section IV.
- Section VII outlines the tactical projects that organize, focus, and define the specific tasks and scope of the CJIS implementation efforts.
- Section VIII provides the implementation schedule for the CJIS projects.
- Section IX identifies the financial impacts and human resources investments required to implement the CJIS, including onetime (capital) and operating costs.

In addition, the document contains these appendices:

- APPENDIX A – Glossary
- APPENDIX B – Bibliography
- APPENDIX C – Project Portfolio
- APPENDIX D – Detailed Project Schedule
- APPENDIX E – Detailed Tactical Project Costs

II. SITUATIONAL ANALYSIS

II. SITUATIONAL ANALYSIS

This section reviews the current internal and external environments for the criminal justice community within North Dakota. In addition, it highlights the needs that must be addressed to improve integration and information sharing among criminal justice partners. The section is split into five subject areas, including:

- Governance and Management
- Technology Infrastructure
- Functional Applications
- Information Sharing
- External Environment

Each subsection is discussed in terms of strengths and opportunities, weaknesses and threats, and needs that must be addressed. The internal environment is examined since it deals with factors within the state that affect criminal justice operations and technology. This results in identifying influencing factors that are largely within the control of the state to capitalize upon or address. The internal environment analysis results in identifying *strengths* (the things the state is doing well) and *weaknesses* (areas where internal improvements are needed).

The external environment is examined because it deals with factors generally outside the control of the justice community (e.g., market trends, federal actions and initiatives, vendor products) that may affect plans to improve criminal justice operations and technology. This external environment analysis results in identifying *opportunities* that can be capitalized upon and *threats* that may inhibit implementation of this technology integration plan. This analysis then results in identifying needs that must be satisfied to realize the state's desire for improved integration and information sharing among criminal justice partners.

The information supporting this analysis was collected and developed from available documentation, interviews, and project committee meetings. The assessment and needs presented in this section help to identify the strategic management and technology issues and frame the environment in which planning and implementation of technology-based improvements were made.

A. GOVERNANCE AND MANAGEMENT

In order to effectively address the needs and implement the changes outlined in this planning document, an effective governance and management environment will be required to guide and manage implementation. Governance and management includes all management aspects of implementing change, including executive sponsorship, policy guidance, tactical implementation management, communication, funding, and support structures and processes to sustain the desired technology environment. This subsection identifies the strengths, opportunities, weaknesses, threats, and needs associated with governance and management of the criminal justice integration plan.

1. Strengths and Opportunities

Strengths and opportunities related to governance and management include:

- The CJIS Board is already established.
- The CJIS Executive Committee is already established.
- The Executive and Judicial branches are eager to implement the CJIS project.

2. Weaknesses and Threats

Weaknesses and threats related to governance and management include:

- CJIS project leadership is not established.
- Managing expectations may be a threat to CJIS.
- Communicating change may be a threat.
- There is no consistent data capture and entry by local justice organizations.
- Organizational leadership and executive sponsorship may be a threat.
- Structure and meaning of data is not consistent with the justice community.
- Improvement to the technology may require policy or statutory changes.

3. Key Needs

Based on the strengths, weaknesses, opportunities, and threats identified above, the following strategic needs have been identified. It should be noted that the order of these needs does not imply priority.

- Governance and management must address the business and technology needs of CJIS.
- A CJIS project director solely responsible for the success of the CJIS project.
- A CJIS architect responsible for the justice technology environment.
- A defined cost-sharing mechanism must be established for CJIS.
- Project managers responsible for each of the various projects.
- A centralized view of CJIS funds, grants, and other financial resources.
- A process for issue identification and resolution.
- Establishment of project management systems and controls.
- A marketing and communication plan for CJIS implementation.
- Definition of a cost-sharing mechanism.
- Common rules and guidelines for information access and sharing.
- Definition and measurement of business and technical performance measures.

B. TECHNOLOGY INFRASTRUCTURE

To ensure that future needs of the various North Dakota criminal justice stakeholders can be met, a technical infrastructure must be in place that provides the foundation for delivery of the applications and services. This must provide appropriate network infrastructure, management systems, and security to adequately control and provide access. This subsection identifies the strengths, opportunities, weaknesses, threats, and needs for technology infrastructure as they relate to integration planning for the state's criminal justice systems.

1. Strengths and Opportunities

Strengths and opportunities related to the technology infrastructure include:

- ITD has an established statewide network that provides a communications layer for CJIS projects.
- The direction of current technology implementation includes Web-based components.
- Point-to-point technology integration efforts are under way in North Dakota.

2. Weaknesses and Threats

Weaknesses and threats related to the technology infrastructure include:

- Branch and organization technical independence may be a threat to CJIS efforts.
- Local justice agencies are not generally located in central facilities.
- The diverse types of technologies are a threat to both project success and overall costs.
- Security is only addressed by a closed system with user ID and password authentication.

3. Key Needs

Based on the strengths, weaknesses, opportunities, and threats identified above, the following strategic needs have been identified. It should be noted that the order of these needs does not imply priority.

- Expand the use of the shared communications infrastructure.
- Audit the security of the current technology infrastructure.
- Establish a single integrated justice data center environment.
- Establish a common security infrastructure.
- Provide end users remote access to information.
- Establish an integrated intranet environment for the justice community.
- Staff the criminal justice IT support organization to meet CJIS service levels.
- Define and secure funding to ensure support for technology investments.
- Conduct a thorough security analysis of the CJIS environment.
- Establish funding to support the technology investment.

C. FUNCTIONAL APPLICATIONS

Functional applications include those systems that support the various criminal justice organizations' operations on a day-to-day basis. The data captured in these systems is the primary source of information to be shared between organizations. Therefore, it is important that these applications meet the operational needs of the organizations that are primary users, as well as capture information of

interest to other criminal justice stakeholders. This subsection identifies the strengths, opportunities, weaknesses, threats, and needs associated with the functional applications necessary to support the criminal justice integration plan.

1. Strengths and Opportunities

Strengths and opportunities related to criminal justice applications include:

- Corrections applications are mature and stable.
- Unified Court Information System (UCIS) is mature and stable.
- Justice organizations have modernization projects under way to improve systems across the CJIS environment.

2. Weaknesses and Threats

Weaknesses and threats related to criminal justice applications include:

- Relevant regional and state projects currently planned or under way need to be implemented.
- State's Attorney Management System (SAMS) is not widely used by State's Attorneys.
- Local law enforcement agencies do not have the means to capture and share information electronically.

3. Key Needs

Based on the strengths, weaknesses, opportunities, and threats identified above, the following strategic needs have been identified. It should be noted that the order of these needs does not imply priority.

- A case processing and management system in the State's Attorneys' Offices.
- A connection between AFIS and the state environment.
- A minimal set of software development standards.
  - » Standards-based exchanges.
  - » Web development standards.
- Data recovery and updating systems.

- Application interfaces that are open, standards-based exchanges.
- A configuration management system.
- A statewide intelligence system.
- A common law enforcement case management and field reporting system.

D. INFORMATION SHARING

Information sharing deals with the ability of justice systems users to access, retrieve, understand, and share information within the criminal justice enterprise. Information sharing (i.e., integration) includes both information technology and business policies, processes, and work flows. In order for information sharing capabilities to respond to user needs, desired data must provide for the ability to access and retrieve data in a meaningful way. This extends from presenting the results of a single event inquiry in an understandable manner to the provision of summary reporting and analysis capabilities that encompass the data of single or multiple organizations in support of operational (i.e., tactical) or strategic decision making.

This subsection identifies the strengths, opportunities, weaknesses, threats, and needs associated with information sharing that are relevant to this criminal justice integration plan.

1. Strengths and Opportunities

Strengths and opportunities related to integration and information sharing among criminal justice partners include:

- Demand for shared and integrated information is a high priority.
- Federal money is becoming available to support information sharing and integration.
- Cooperation between organizations is good and will enhance sharing efforts.

2. Weaknesses and Threats

Weaknesses and threats related to integration and information sharing among criminal justice partners include:

- Current efforts are focused on specific information exchanges.

- The CJIS effort focused on a high-level vision and goals and is not yet supported by detailed implementation guidance.
- Data standards do not exist across justice systems.
- Common identifiers are not used within the business process.
- National work groups are currently working on national standards such as XML data sets that significantly impact CJIS.
- The ability to share data within CJIS could be threatened by divergent business processes.

3. Key Needs

Based on the strengths, weaknesses, opportunities, and threats identified above, the following strategic needs have been identified. It should be noted that the order of these needs does not imply priority.

- There needs to be a single point for accessing information (One Stop).
- The system must minimize the variability of interpretation of information.
- The system needs to reduce the duplicate entry of information.
- The system needs to improve the timeliness of information.
- Definitions for data elements are required to support CJIS information exchanges.
- Manual and electronic cleanup of information needs to be compliant with data standards and a clear focus of project efforts.
- Indexing systems are needed to provide cross-linkages for data relationships.
- There should be an increased use of the state identification number and other critical identifiers.
- There needs to be in-custody status for individuals in state corrections and local detention facilities.
- Court disposition needs to include all information on the full judgment and sentence.
- CJIS needs to provide automated notification of events and outcomes.
- Justice organization staffs need improved ability to facilitate policy, strategic, and tactical decision support and analysis.

These four subsections highlight the internal situation in North Dakota. The next subsection discusses the additional external factors that may impact the CJIS planning effort.

E. EXTERNAL ENVIRONMENT

The external environment is examined since it deals with factors generally outside the control of the justice community (e.g., market trends, federal actions and initiatives, vendor products) that may affect plans to improve criminal justice operations and technology. For each of the specific areas above these factors were identified as opportunities that can be capitalized upon and threats that may inhibit implementation of this technology integration plan. This subsection identifies less tangible impacts that may help or hinder CJIS to realize the state's desire for improved integration and information sharing among criminal justice partners.

1. Other Efforts

Efforts in other states across the country may provide North Dakota with significant benefits in 2 to 3 years. Several other states have significant CJIS efforts under way. Kansas and Nebraska have similar efforts that are nearly finished, while Minnesota, Wisconsin, and Michigan have projects that just recently started. Each of these efforts may yield possible sources for solutions to similar needs or they may provide insight about a particular approach that would be best for North Dakota.

2. XML Standards

Work on XML standards is likely to be documented in usable standards within 12 to 24 months. Efforts around the country are focused on developing common XML-based information exchanges and electronic documents. Examples include work on a common RAP sheet, electronic case filing, and electronic warrants to name a few. These efforts will result in standards that, once adopted in North Dakota, can be used as an open exchange with any other state or vendor system that is compliant with the national standards. Although this is 2 to 3 years from actual use, the North Dakota data standards document identifies the current XML-based standards.

3. Security Policy Changes

Significant change is currently taking place with FBI security policies that may impact CJIS. The events of September 11, 2001, have created a major shift in FBI security policies. This change is in terms of both who can access information and the requirement to provide information about individuals that may pose a threat to the security of the country. This dichotomy requires better security systems for the CJIS environment but also creates the mandate to provide more access to the CJIS information.

4. Justice Community Change

The current pace of rapid change in the justice community is a threat to North Dakota's ability to implement CJIS. The recent funding from the COPS MORE, NCHIP, CITA, LLEBG, and other federal programs has created an environment of rapid change within the justice community. This change is fueled by organizations such as SEARCH that have provided excellent guidance to organizations about strategic and tactical issues. In addition, the ability to communicate across organizational boundaries has enabled justice organizations around the country to accelerate the pace of change based on comparing best practices. These factors have also pushed the vendor community. The North Dakota CJIS Implementation Plan represents a 5-year commitment to a portfolio of projects that is meant to evolve with these changes. If the state does not update and stay informed about the changes in the justice community, the plan will be at risk.

These factors provide North Dakota with significant possible benefits. The challenge is to ensure the CJIS project staff are aware of these events and plan for their impact or utilization over the course of the CJIS implementation.

* * * * * *

The needs outlined in this section provide a requirements foundation for the integration plan. Agreement among the stakeholders on these needs, as well as on the opportunities, strengths, weaknesses, and threats described in this subsection, was an important step in moving forward into architecture definition and implementation planning.

III. STRATEGIC ISSUES

III. STRATEGIC ISSUES

This section documents important issues that must be resolved in the process of developing a statewide criminal justice integration plan. In considering these issues, stakeholders should ensure that they:

- Consider the implications of alternative solutions to these issues and the impact of leaving them unresolved.
- Recognize that the decisions made about these issues provide valuable and needed constraints regarding strategy, architecture, scope, and timing.

These strategic issues and the decisions regarding them provide a framework that guides and directs completion of the planning effort. Key strategic issues are outlined below.

A. KEY ROLES

The following key roles should be defined for the CJIS project.

- Will the CJIS Board and Executive Committee assume governance roles during implementation of the integration plan and ongoing operations of CJIS?

  Guidance on implementation of the integration plan will require the existence of multiorganizational governance entities. The CJIS Board and Executive Committee are logically positioned to provide policy/strategic and tactical/operational guidance to the overall implementation effort.

- Who will be the steward for shared criminal justice applications, information, and funding?

  Historically, criminal justice organizations have implemented organization-specific systems that easily and logically fit in that specific department's needs. Further, the costs for those systems could readily be allocated to a specific department's budget. Stewardship for shared applications that provide integration and information-sharing services is not clearly attributable to a specific organization. Decisions must be made about who will be the steward for the shared applications and information, as well as how budget and cost distribution will be handled. The executive committee and CJIS Board will focus on the funding mechanisms for CJIS.

- What is the role that ITD will fulfill in support of the plan and in cooperation with justice organizations to meet the needs of the enterprise?

  ITD should provide the housing, technical staff, and support for the CJIS environment. These services should be formalized through a service-level agreement between the ITD and CJIS Board. The relationship and service delivery will be managed by the CJIS project director and Executive Committee. The organization of the CJIS technology provides an ideal self-contained structure that fits this type of support services and service provider.

The resolution of the above role issues will highlight project commitment issues that are discussed in the next subsection.

B. PROJECT COMMITMENTS

The commitment of CJIS partners will be apparent by the support for and ongoing cooperation of key CJIS staff and project support. Specific commitment issue areas are discussed below.

- Will the CJIS Board and Executive Committee invest in a project director to manage and coordinate the overall integration effort?

  A multiorganization effort of this type requires focused day-to-day attention, management, and coordination. It is unlikely that a committee can devote the time and attention to keep overall plan implementation on track. Accountable to the executive sponsor and CJIS Board, this person would have the primary tactical responsibility for ensuring plan implementation and coordination, overall status reporting, and maintenance of project controls that are fed by the respective managers responsible for specific projects in the plan (e.g., issues, change orders, schedule).

- Can CJIS organizations devote dedicated internal staff resources to support the plan's management and implementation staffing requirements?

  While technology integration plans are often seen as "technical problems for information technology staff," the fact is that integration will only be successful if business users and decision makers are actively engaged and involved in the planning and development implementation effort. In addition, it is the organization's responsibility to fully assess and develop revised policies, work flows, work procedures, and job responsibilities associated with new or enhanced systems. Failure to realize and make the significant investment that each local criminal justice partner must make in plan implementation will result in inadequate results and unmet expectations, as well as often in project and plan failure.

- Is there a willingness at the state level for organizations to invest in IT functions, products, and staff to effectively develop, support, and sustain this new and more comprehensive technology environment?

  There is an all too common tendency to see investment in technology as simply a matter of buying equipment, facilities, and software. An often overlooked factor in investing in new systems and technology is the incremental and changing demands it places on IT organizations to provide, sustain, and enhance a new and comprehensive technology environment. The changes desired through this integration plan will place demands for tools, skills, and expertise on the IT support functions to manage and maintain new technologies. If appropriate IT investments and changes are not supported, the risk of project failures or post implementation operational problems will be significantly increased.

- How aggressively should integration be pursued given the need for replacing some of the core functional applications that would be primary sources of data?

  Based on input from the criminal justice organizations in the state and our situational analysis, several of the major criminal justice applications are being, or need to be, replaced. This includes:

  » A field reporting and case management system capable of capturing police event-report information for local law enforcement agencies.

  » A local jail management system that can be used by small facilities to track inmate status and demographic information.

  » A new prosecution case management system that will support State's Attorneys.

  » An integrated AFIS system interface that provides links to the local jail facility system to simplify booking and fingerprinting operations.

  » The need for a coordinated mug shot strategy and system.

  » A replacement for the current Computerized Criminal History (CCH) system that will integrate with AFIS.

  These systems are major sources of information that play key roles in information sharing and integration. It is not unreasonable for these efforts, if all were undertaken, to largely consume available human and financial resources, leaving little time, energy, or money for improving information sharing and integration for the foreseeable future.

The project commitment issues highlight concerns that impact the entire project. These are closely related to the approach issues discussed in the next subsection.

C. APPROACH ISSUES

The CJIS approach created several directional issues key to CJIS implementation, staffing, and project direction. Specific approach issue areas are discussed below.

- How much integration will the CJIS system strive to achieve?

  The effort required to implement publication, integration, and information exchanges across the criminal justice environment is significant. North Dakota must be prepared to fund these efforts to prioritize the methods of information sharing that CJIS will develop. The choices for information sharing are based on two type of targeted benefit:

  » *Improve Justice Process* – The information exchange[2] methodology will focus CJIS efforts on improvements in the actual justice information flow.

  » *Provide Information to Justice Users (Improve Public Safety)* – The publication methodology[3] provides the most return on investment.

  In both methods, investments are made that will enable the state to improve the CJIS environment as more funding is available. The issue becomes where the state will begin with the CJIS effort. In addition, the cooperation and support of local law enforcement is essential.

- How will the state address the issue of disparate identifier information?

  Based on analysis of the current systems and data structures, several identifiers are used within the justice process. This creates the problem of linking identifiers across processes and systems. North Dakota has two realistic options to resolve this issue. The state can focus on implementing a common processwide identifier that is added to existing systems, requiring modification to all systems to incorporate this identifier. The other option is to create a master index that links the key identifiers between systems. This method will require changes to existing systems and may involve some process changes.

- Will CJIS organizations require a single set of technology standards or settle for a range of technologies?

  Any diversity in technology will increase the costs of the CJIS environment. The current environment utilizes several different technologies depending on the organization that is making the decision. The challenge facing the CJIS environment is the decision of which

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[2] Referred to as the integration layer.

[3] Referred to as the publication layer.

single technology set to embrace or which sets of technology to adopt. The level of diversity impacts supportability, the cost of having staff available to address problems, and development efforts on each of the technology sets that are adopted.

- How should North Dakota plan to implement integration given the need to access data from systems that are 24/7?

  The need to get information from systems within the justice community that are not operated on a 24/7 basis creates the issue of how to allow access to that information during nonbusiness hours. This access can be accomplished through one of two primary methods: the information can be moved to a data repository or unattended links can be created. It is important to note that some of North Dakota's systems may require more than one method; however, the state should determine the primary method of access to reduce overall costs and focus development efforts on supporting the primary method.

- How willing is the state to reengineer processes and systems in support of CJIS integration requirements?

  Benefits may be gained from reengineering processes as part of the CJIS effort. Any project that involves reengineering should be clearly identified prior to starting the project so that the reengineering effort can be closely monitored to ensure that it does not threaten overall success of the project. In general, it is assumed that some changes will be applied to improve the justice process; however, any project with a reengineering component poses greater risk for delays or project-related issues than efforts that do not address processwide reengineering.

These approach issues result in the funding issues discussed in the next subsection.

D. PROJECT FUNDING

The issues concerning project funding are based on the highly rural nature of North Dakota. The state has over 300 municipalities, most of which have fewer than 5,000 people. The overall population base of the state is less than some of the counties around the country that are implementing integration plans. This creates the following significant issues.

- How will North Dakota address cost-sharing issues at the state and local levels?

  The issue facing North Dakota is that the small agencies cannot afford any significant cost increases. The scope of any cost increase is significant to a small agency and can be easily

represented by the choices that are currently facing North Dakota agencies. Small agencies are choosing between keeping an officer or investing in technology to make the remaining two or three officers more effective. The cost of a postalized T1[4] in North Dakota is 20 percent of one officer's salary. The issue of how much a local agency, branch office, or court can afford is really a matter of how much can the state afford to absorb and whether or not the remaining amount is feasible for the organization.

- How will the CJIS governance structure make funding prioritization decisions?

  The manner in which CJIS will prioritize CJIS funding choices should be formally identified early in the governance process. Although all of the CJIS partners are committed to this effort, the tough choices of which projects in the CJIS portfolio will get funding can become problematic without a clear mechanism to set and maintain funding allocation choices.

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These key issues should be resolved prior to establishing the integration plan in order to develop an appropriate strategy and identify/organize plan projects in a logical and achievable fashion. The resolution of these issues will be documented as strategic decisions. Failure to resolve these issues may significantly affect the successful development and implementation of the integration plan.

[4] Postalized T1 refers to the fixed charge for a T1 line regardless of distance rates actually charged by the telephone circuit provider.

IV. VISION AND GOALS

IV. VISION AND GOALS

The initial step in developing the CJIS Implementation Plan is to identify the long-term, or strategic, business goals and supporting technology goals upon which a vision of the future can be defined. Specific technology-related initiatives and tactical projects are then based upon implementation of that vision as described later in this document.

This section discusses the justice stakeholders that will be served, the vision for the CJIS, and the strategic business and enabling technology goals that can be used to guide and measure progress in implementing the CJIS plan. The section is organized under the following headings:

- *Customers* – Customers are the recipients and beneficiaries of the results of any new technology acquired through implementation of this plan.
- *Vision* – The vision statement expresses the desired future state of justice community operations and systems when the CJIS is implemented.
- *Business Goals* – Business goals briefly state the desired direction of the justice community's business environment and are the basis upon which enabling technology goals are derived.
- *Enabling Technology Goals* – The enabling technology goals reflect desired technology results that will support realization of the business vision and goals. They provide the basis for establishing the long-term vision for technology.
- *Benchmarks* – The benchmarks reflect the desired means of measuring the results that are derived from the CJIS implementation. They provide the means to gather and review the impact of CJIS.

These statements about the future provide a strategic business technology framework within which specific technology change initiatives and plans of action will be developed.

A. CUSTOMERS

North Dakota's justice information customers are defined as those individuals and organizations that will be served by the justice integration plan once it is implemented. The state's technology support functions, particularly ITD, will be significantly affected by implementation of the plan since they are key technology service providers to the justice community.

This subsection details the other customers that will be served by the integration plan. Customers have been broken into two categories to best describe the level of impact that the new justice

technology will have in accomplishing the mission of justice stakeholders. These two categories are further described below.

1. Primary Customers

Those entities that will be most affected by implementation of the integration plan are the primary customers. These entities are characterized by the significant reliance they will place on the new technology implemented through this plan as a primary information source to support daily operations, as well as tactical and strategic decision making. The primary state customers are:

- DOCR.
- DOT.
- ITD.[5]
- NDACO.
- NDHP.
- NDAG.
- NDAG, BCI.
- Office of Management and Budget (State Radio).
- NDJB.
- State's Attorneys Office.

In addition, as directed by the project director, the project team will solicit information from local jurisdictions across the state because they are the state's primary CJIS customers. This input will be included in relevant portions of the specific projects. It is imperative that the plan implement solutions that provide these customers with the information necessary to accomplish their missions.

2. Secondary Customers

Entities identified as being only partly affected by the implementation of improved justice systems in the state are categorized as secondary customers. These entities are characterized by less operational reliance on information managed by the justice systems, rather than the significant reliance that characterizes primary customers. This category includes entities that will have little direct reliance on justice systems but desire general informational access (e.g., the general public) or summary

[5] Specific to CJIS support activities only.

reporting data from the systems (e.g., legislative groups). Following is a list of the secondary customers:

- Department of Health.
- Game and Fish Department.
- Law Enforcement Training Academy.
- Legislative groups.
- North Dakota League of Cities.
- State ITD effort not related to CJIS.
- Victims' advocates.

Of course, the ultimate customer and beneficiary of this, or any other local and statewide change initiative, is the general public. Because the general public, as a system user, is interested in access to justice information, the impact of justice agencies working together to effectively and efficiently collect, manage, share, and report information delivers direct public benefit.

Identification of all customers provides the CJIS plan with a scope of desired impact. Identifying these customers also offers a criterion to prioritize specific components of the system in the implementation plan. For example, primary customers may reap the benefits and tangible results of new justice systems sooner than secondary customers.

B. VISION

Based on the planned state integrated justice architectures, the state's initial grant application, interviews with state justice practitioners, and input received at the Executive Committee meetings and technical architecture workshop, the overall vision for the CJIS can be summarized as follows:

> *Improve public safety by providing effective and efficient justice policies, processes, and information systems required to capture and share complete, accurate, and timely information in support of program operations and informed decision making across jurisdictional and organizational boundaries statewide.*

Realizing this vision will require significant effort on the part of primary and secondary stakeholders, as well as strong support and cooperation among the organizations and people serving the justice community within the state of North Dakota. In addition, in order to realize the CJIS vision, the specific business and enabling technology goals outlined in this section are needed to further

guide and focus implementation planning. These goals, in turn, are considered in defining strategic initiatives and tactical projects that will be outlined in the final implementation planning phase deliverable to help ensure that the implementation plan is comprehensive. EXHIBIT IV-1, which follows this page, illustrates the linkage between the vision, business and enabling technology goals, and strategic initiatives and tactical projects that will be defined during implementation planning.

C. BUSINESS GOALS

Goals represent desired future attributes or performance characteristics in place within an organization. These goals translate the vision into a set of desired outcomes for CJIS plan implementation. The goals identified in this plan complement the existing mission, priority, and goal statements established for North Dakota justice organizations. They set a target for improvement, provide direction to the plan implementation teams, and are an important tool for decision makers as issues surface about options, direction, and priorities. Specific goals that reflect the desired future state of justice operations are described below.

- Ensure effective operations.

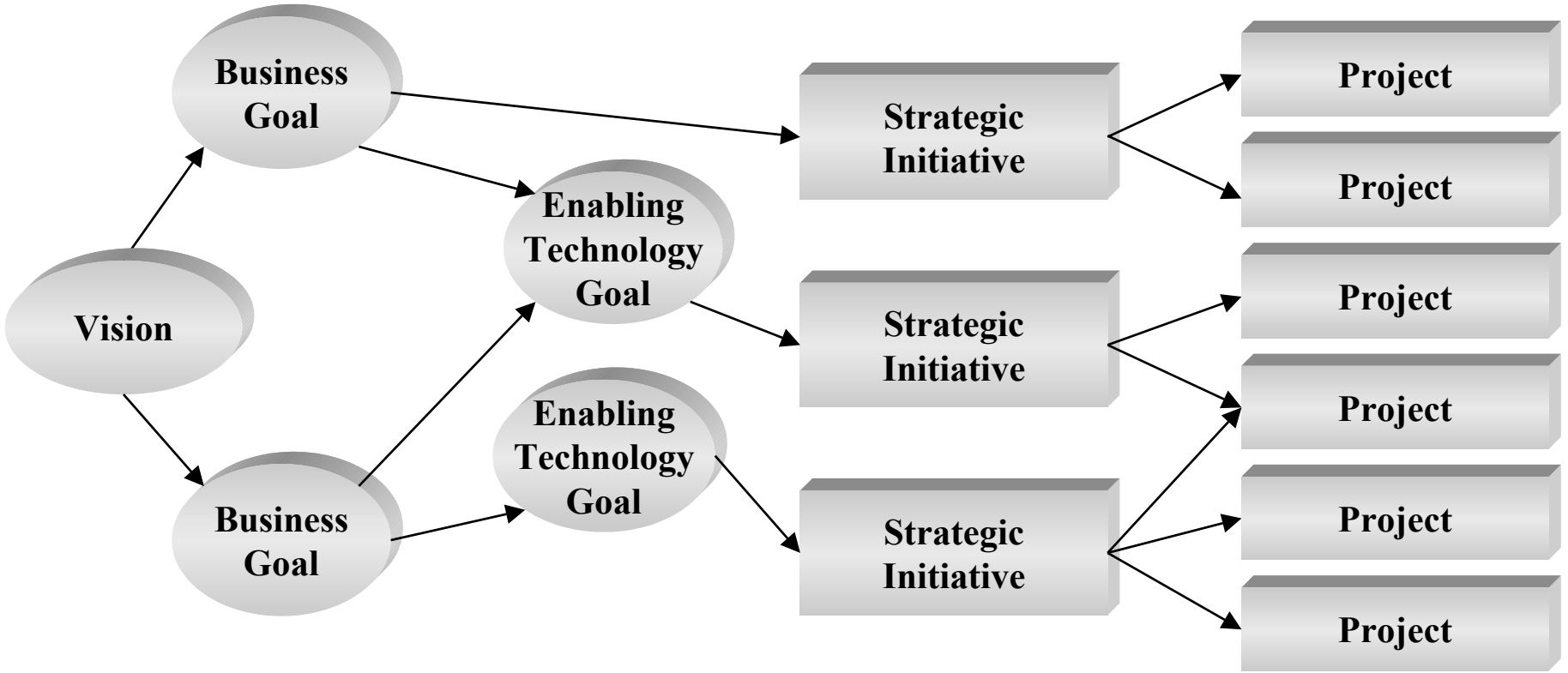
  Justice operations will be characterized by highly efficient and effective programs and processes. This can be considered as the primary business goal for the justice community. In many respects, the other business goals identified in this subsection can be described as attributes of organizational effectiveness. However, it is important that effective operations be identified as a separate goal to give it appropriate visibility and demonstrate the desire to dramatically improve the effectiveness of justice operations and programs. It is also significant to note that increases in efficiency are a major attribute of effectiveness. Effective operations and programs not only result in desired program and service outcomes but also deliver the programs and services in the most efficient manner possible.

- Improve decision making.

  The justice community will make high-quality decisions based on complete and accurate information. Government is continually constrained by limited human, financial, and physical resources. The existence of these constraints, coupled with the expectation that the government offer high-quality services for the lowest cost possible, increases the pressure on government policy makers and operational managers to make first-rate decisions. High-quality decisions demand reliable and complete data in order to make well-informed strategic and tactical decisions that are in the best interest of public safety and the community. Limited resources must be deployed to programs with the highest value and areas with the greatest need to ensure maximum return on taxpayer investment.

STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

STRATEGIC AND TACTICAL LINKAGE



MTG

- Improve criminal justice staff safety.

  The CJIS effort will focus on improving criminal justice staff safety. The ability to have all of the information on an individual involved with criminal justice staff provides a greater degree of safety for the staff. The CJIS efforts will consider this goal whenever a choice is made about the amount or level of detail provided to justice staff. The best person to make a decision is the staff member doing the work in the criminal justice process; therefore, CJIS should provide staff with the information they need to make well-informed decisions. In addition, they need the information to maintain their safety during their interactions with individuals involved with the criminal justice processes.

- Ensure access to information.

  The North Dakota justice partners will have easy access to the justice services and information they need. Justice partners rely on access to justice services and associated justice information. Improving access to these services increases the convenience, options, and ability for the justice community to understand public safety issues and appropriately utilize justice resources. Improving this access also enables justice organizations to more efficiently obtain the information and services they need from their justice partners as events and individuals move through the justice process.

- Deliver timely information.

  Justice information will be available and delivered to justice partners in a timely fashion. Information is a key asset of the justice community, and sharing that information in a timely fashion is extremely important as the justice community seeks to improve public safety. This is true within a single organization (e.g., State's Attorney's Office), as well as between justice entities (e.g., law enforcement and prosecution). The failure to provide timely information exchange can have a significant impact on justice partners, affecting factors ranging from timely response to calls for service, to officer safety, to outstanding warrants, to conviction rates.

- Implement cost-effective systems.

  CJIS will implement systems that are cost-effective and meet the needs of the justice community. The goal of the CJIS effort is to deliver shared information to all justice users. In order to be effective the CJIS system must be cost-effective. CJIS will seek to utilize systems developed by other states and organizations to minimize costs. In addition, CJIS will focus on mainstream technologies that offer the most cost-effective combination of supportability

and common use. This goal will be tempered by the factors outlined in the other business goals within this section.

- Ensure privacy and accuracy.[6]

  CJIS systems and information sharing will focus on clear and accurate information and maintain the privacy of CJIS information. These two components focus on the quality of and appropriate access to CJIS information. The ability to maintain the appropriate level of access to information is necessary to ensure privacy. CJIS will focus on this aspect to ensure that users accessing information are authorized to see the information and use it. In addition, the accuracy of information is important. CJIS will have clear procedures defined to validate information updates that are applied to CJIS data. The ability to share information will improve overall accuracy. Viewing the same data across the justice community will also help staff to spot errors and correct wrong information.

The business goals are supported by the technology goals detailed in the next section.

D. ENABLING TECHNOLOGY GOALS

Just as business goals represent desired future states or conditions in the business organization, technology goals focus on the state's technology environment and direction to support the established business goals. Generally, technology goals should be perceived as enabling goals. While they do not directly deliver operational outcomes, they often provide the enabling mechanism and opportunity to realize improvements in operational effectiveness and efficiency.

The enabling technology goals described below represent a high-level view of the desired technology environment for the North Dakota justice community.

- Provide a standards-based environment.

  The justice technology environment will be based on a defined set of standards that apply to technology infrastructure, information, and processes. These standards should extend to include:

  » Hardware and software infrastructure.

  » Data.

  » Networks.

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[6] This includes purge, retention, seal, and confidentiality functions.

» Systems development.

» Technology management processes and systems.

Providing a standards-based technology environment can help improve the community's ability to quickly and effectively apply and adjust technology to business needs. In addition, adherence to industry standards can help improve the life span of the technology. It is important to remember, however, that rigid adherence to standards must be tempered by the need to effectively satisfy business needs.

- Leverage existing technology.

  Wherever possible and appropriate, existing technology will be leveraged to improve justice operations. For example, existing technology provides an opportunity to:

  » Use current systems to share information across the justice environment through the CJIS integration backbone, thereby avoiding the cost of adding infrastructure to accomplish business functions already implemented.

  » Examine the supporting processes to maximize the information that is exchanged between processes.

  » Utilize StageNet to deliver CJIS services wherever possible.

  Realization of this goal will allow justice organizations to continue to take advantage of current technologies that provide operational efficiency to justice organizations.

- Leverage new technology.

  Wherever possible and appropriate, new technology will be leveraged to improve justice operations. For example, new technology provides an opportunity to:

  » Reshape how work is done (e.g., use of laptop computers to capture information outside a fixed office setting).

  » Take advantage of technology to support repetitive tasks (e.g., using bar codes as property identifiers).

  » Apply technology to highly specialized tasks (e.g., biometric identification).

  Realization of this goal will allow justice organizations to take advantage of new technology that enables improved operational efficiency and increases the effectiveness of operations and programs.

- Ensure responsive technology support.

  The IT support functions and processes will be highly responsive to business and user needs. Responsive technology support functions will:

  » Ensure that problems are tracked and resolved in a timely manner.

  » Provide applications, tools, and products that respond to user needs.

  » Maintain a reliable and available technology infrastructure.

  » Ensure that users receive the support they need for enterprise and departmental applications.

  » Ensure that technology support is responsive to prioritized business needs.

  Accomplishing this goal will help ensure that justice organizations are, in turn, able to be responsive to their customers' needs and provide stable and reliable processes and services to local and statewide users.

- Ensure system flexibility.

  The technology infrastructure and solutions developed for the justice community will be designed for maximum flexibility. This flexibility will improve the ability to adapt technology in response to needed changes in justice programs and operations and position the state to take advantage of new technologies. System flexibility should extend to include:

  » Hardware and software infrastructure.

  » Network infrastructure.

  » Enterprise and departmental applications.

  » Technology support.

  As new hardware and software technology is planned and implemented, the flexibility and adaptability of the solution must be a significant consideration. Of course, there will always be trade-offs between flexibility and other system characteristics (e.g., performance), but these trade-offs should be consciously considered.

- Provide information-sharing facilities.

  Justice organizations will be able to quickly share complete and accurate information. Access to complete and timely information is critical to justice operations. Technology must provide the ability to:

  » Share information as soon as it is captured.

» Make that information widely available within the organization capturing the data.

» Share that information quickly and completely with other justice organizations.

The ability to share complete information can enable improved efficiency in areas such as reducing redundant data capture and reducing the amount of time spent searching for missing information. Improved outcomes (e.g., increased warrant clearances, higher conviction rates, increased effectiveness of offender programs) can also be supported through these information-sharing facilities.

■ Ensure information security.

Justice information will be properly secured to ensure maintenance of information privacy rights of individuals and protection of other confidential information captured in the justice process (e.g., confidential information on investigations in progress, juvenile information). Security will include:

» Definition of end-to-end security standards and architecture.

» Implementation of security at the network, system, database, and application levels.

» Implementation of appropriate security processes and procedures.

» Clear roles and responsibilities regarding security management.

■ Capture business performance data.

Wherever possible, information systems will be designed to capture business performance data as a by-product of other automated processes (e.g., applications). Much of this business performance information is either a summarization of operational data already captured in the system or the combination and comparison of data already captured. Data must be captured to support decision making and analysis concerning:

» Business activity.

» Resource utilization and performance.

» Program effectiveness.

To make good business decisions, justice organizations must have business performance information available that provides insight into program and service efficiency and effectiveness.

- Minimize complexity.

  The technology environment implemented to support the justice community will include the minimum number of technologies required to meet business needs. This focus on minimizing the number of supported technologies should include:

  » Hardware environments.

  » Networking.

  » Operating systems.

  » Databases.

  » Development tools and environments.

  It is critical that the technology organization focus its energy on a limited set of technologies to help ensure that it can maintain currency, competency, architectural coherence, and responsive support for the justice community's technical environment.

Accomplishing the preceding technology goals can support realization of the desired business goals to dramatically improve justice services and programs for the citizens of North Dakota, resulting in long-term improvements in public safety and operational efficiency.

E. BENCHMARKS

Measurement of the CJIS project's impact on the justice community and overall support of goals described above should be focused on the following benchmark areas. Each of the areas focuses on specific benchmarks that highlight the important components of the CJIS services.

- User Access

  The ability to access the CJIS environment should be measured in terms of time to access the start page or application and in terms of the overall number of users. These two criteria measure the technical performance and impact of the CJIS system, respectively. The number of users actively using the system on a daily basis provides the scope for which other measures can be placed in context. The access time to get to the CJIS environment provides a definable benchmark that can be improved technologically; however, this measure provides a means to gauge likely satisfaction without having to rely on user-based feedback. This benchmark can be an early indicator that user volume, system load, or other factors have increased and delayed access to the CJIS environment.

- Data Quality

  The measure of the data quality of the CJIS environment should be based on the number of information exchanges that are processed without intervention. The number of manual corrections required to information in the CJIS systems should be reduced as information exchanges are implemented. Once implemented, the number of automatic matches will increase. This is a clear measure of increased data quality. In addition, data quality can be compared between systems at fixed intervals to provide specific volume-based data quality comparisons.

- Data Consolidation

  The level of data consolidation within the CJIS partner systems is an indicator of the level of shared information between those systems. The reliance of an organization's need to capture information from other CJIS partner systems is based on the lack of information from those systems. The availability of partner information should reduce the need to rely on capturing and storing all information in an organization's systems. This will result in a consolidation of key information at the CJIS level and specific consolidation of information in organizational systems.

- Efficiency

  A benefit of the CJIS environment and its publication and integration will be efficiencies gained in CJIS business processes. Although difficult to measure, process steps and timing should be evaluated at various points during the CJIS implementation to provide a record of the improvements that are tangible in the justice processes.

- Security

  The ability to secure information is critical to CJIS; as such, the CJIS project should measure all security alerts and comprises. In theory, there will be no security breaches; however, all security issues should be reported and monitored. In addition, the level of attempted security breaches should be measured, although it is subject to the same factors that involve criminal justice clientele in the justice process. The measures do, however, provide a view of the necessity for various security features and requirements.

- Performance

  Whereas most technology systems are measured in terms of performance, the CJIS implementation should focus on specific performance measures that translate visibly to the CJIS user. The most tangible measures are Web page and application response times when a link

or key is activated. Measuring these factors provides the CJIS project director with an indicator of the service that CJIS is providing and should identify potential enhancement requirements.

- Timeliness

  A significant measure of the CJIS integration components will be the timeliness of information exchanges and notification systems. The timeliness of the CJIS information exchanges will be low during the initial phases of the project due to the reliance on information entered by local clerical or support staff, not directly by the officer in the field. This will improve as the CJIS project implements Phase 3 and 4 projects. The time measured from the defined point to the end of an exchange should improve significantly. In addition, the specific measure of how long it takes to complete a notification will add to the timeliness benchmarks.

- Program Effectiveness

  The effectiveness of current CJIS partner programs should be monitored and measured to determine if the services offered by CJIS are benefiting particular programs. By continuing to measure program effectiveness and comparing the program results to pre-CJIS results, the impact of the CJIS project should be measurable. Although the program-specific results may be influenced by other factors, specific information should be available to determine how the impact is CJIS-related. In most cases, this benchmark will provide a measure of the quality that CJIS has added to the justice community.

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The customers, vision of CJIS, business goals, enabling technology goals, and benchmarks establish the framework for the CJIS architecture and implementation. The next section describes the strategic decisions that have been made to successfully implement CJIS in North Dakota.

V. STRATEGIC DECISIONS

V. STRATEGIC DECISIONS

The vision and goals described in the preceding section form the basis from which tactical project plans are developed to move the organizations and systems from their current state toward the desired future. The business and technology vision and subsequent implementation planning must provide a reasonable approach to moving forward and will be driven by a set of strategic decisions. The decisions documented in this section provide guidance for the strategic initiatives and implementation strategy and projects that will be defined in the next planning deliverable and resolve most of the key issues identified in the Requirements Document. These strategic decisions have been categorized as relating to business, management and governance, and technology decisions.

A. BUSINESS DECISIONS

The business decisions focus on the issues that guide the CJIS implementation, fund the projects, and provide the critical framework for the CJIS project. The following decisions have been reviewed with the executive and technology committees during the technology architecture phase of the project.

- The business case for achieving the desired vision and goals is sufficient to warrant the changes associated for migrating toward an integrated environment.
- The state will go forward with a proposal to the Legislature and the Governor to establish the CJIS as the criminal justice enterprise component of government.
- The operational funding for CJIS will be provided as an enterprise initiative and included in the Governor's budget.
- Elected officials and organization executives will actively participate in and promote the CJIS initiative as a priority within their organizations.
- All information access and publication will be provided cooperatively under the auspices of CJIS rather than the individual organizations.
- CJIS will actively promote the acquisition and distribution of common applications and interfaces to support local law enforcement, jail, and prosecution agencies as a key integration initiative.
- The CJIS Board will review all CJIS-related grant requests.
- CJIS will market publicly available justice services and access.

These decisions were confirmed by the Executive Committee on February 14, 2002. The business decisions are facilitated by the management and governance decisions outlined in the next subsection.

B. MANAGEMENT AND GOVERNANCE DECISIONS

Strategic management and governance decisions concern the leadership and direction of resources within the state for implementation of CJIS. Decisions affecting CJIS plan management are discussed below.

- The CJIS Board will provide active involvement and direction on the part of the Attorney General, Chief Justice, and the Chief Information Officer (representing the Governor).
- The Executive Committee will provide operational direction to CJIS projects and communicate key strategies to the board for decision and direction.
- A CJIS full-time project director will be named, with appropriate administrative support provided.
- A CJIS technical architect will be named and will be responsible for overall CJIS technical coordination.

These decisions were confirmed by the Executive Committee on February 14, 2002. The management and governance decisions are facilitated by the technology decisions in the next subsection.

C. TECHNOLOGY DECISIONS

Strategic technology decisions concentrate on setting the technology direction for the justice community. These decisions affect the infrastructure, applications, and technical support environment that will enable improved information access and sharing within the CJIS justice community and with external local partners in North Dakota. These technology decisions are discussed below.

- CJIS will develop an integration backbone of technology components that provide enterprise-level facilities.
- The integration backbone will consist of the following enterprise services or facilities:
  - » State message switch for National Crime Information Center (NCIC) and National Law Enforcement Telecommunications System (NLETS) access.
  - » Criminal justice information and photo publication engine (Web) or portal.

- » Public access information publication engine (Web) or portal.
- » A message exchange mechanism that supports business logic for the integration backbone.
- » Subscription and notification services as well as directory services.
- » Centralized information indexing and pointer systems.
- » Information message routing and transaction services.
- » Common local applications and interfaces[7] such as jail, prosecution, law enforcement, and dispatching.
- » Centralized system administration and security systems.
- » Centralized help desk and other systems.

- The North Dakota Law Enforcement Teletype System (NDLETS) network will be migrated into the CJIS environment over time and replaced with a Web-based software that is part of the CJIS Web portal.
- The state will create a high-speed, high-availability CJIS data center environment for the integration backbone and justice application systems.
- CJIS services will be delivered via StageNet wherever feasible and cost-effective.
- The CJIS integration backbone and data center will be housed at and administered by ITD under the direction of the CJIS Board.
- The CJIS implementation will be done in the context of a standards-based environment with the focus on selecting one primary architecture.
- Technical support for mission-critical justice systems will be available on a 24/7 basis, providing timely response and resolution to problems.
- Emergency management will be included in technology planning and implementation projects as a secondary CJIS stakeholder.
- Data exchange between systems will be implemented in a star topology with a centralized exchange broker between functional application systems.

These decisions were also confirmed by the Executive Committee on February 14, 2002.

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[7] Interfaces to existing systems where local agencies choose to continue their use of those systems.

These decisions ultimately frame the strategic vision, definition of tactical projects, implementation schedules, and overall cost of the plan. Of course, numerous tactical decisions will be required as each project is initiated and proceeds toward implementation.

VI. INITIATIVES AND IMPLEMENTATION STRATEGY

VI. INITIATIVES AND IMPLEMENTATION STRATEGY

Based on the strategic framework created by the vision, goals, and strategic decisions, the justice community developed a series of initiatives to address its IT needs. These initiatives create the implementation strategy described later in this section.

A. INITIATIVES

The CJIS project initiatives include a set of defined tactical projects that fulfill the intent of each initiative. EXHIBIT VI-1, which follows this page, diagrams the integration model detailed in the technology architecture. Each initiative's tactical projects are organized in terms of the integration model and are detailed below.

Initiative 1 – Proof of Concept

This initiative will provide the structures necessary to collect and publish CJIS information. Specific projects focus on ensuring that the local law enforcement agencies and BCI have applications that support the collection and management of information. This initiative includes implementation of a Uniform Crime Reporting (UCR) and Incident-Based Reporting (IBR) repository that will facilitate improved crime reporting in North Dakota. This initiative includes implementation of a CJIS data center and the security policies and systems to secure the CJIS environment. Specific projects are listed in the next section. EXHIBIT VI-2, which follows EXHIBIT VI-1, diagrams the relationship of the tactical projects contained in this initiative to the integration model.

Initiative 2 – Backbone Development

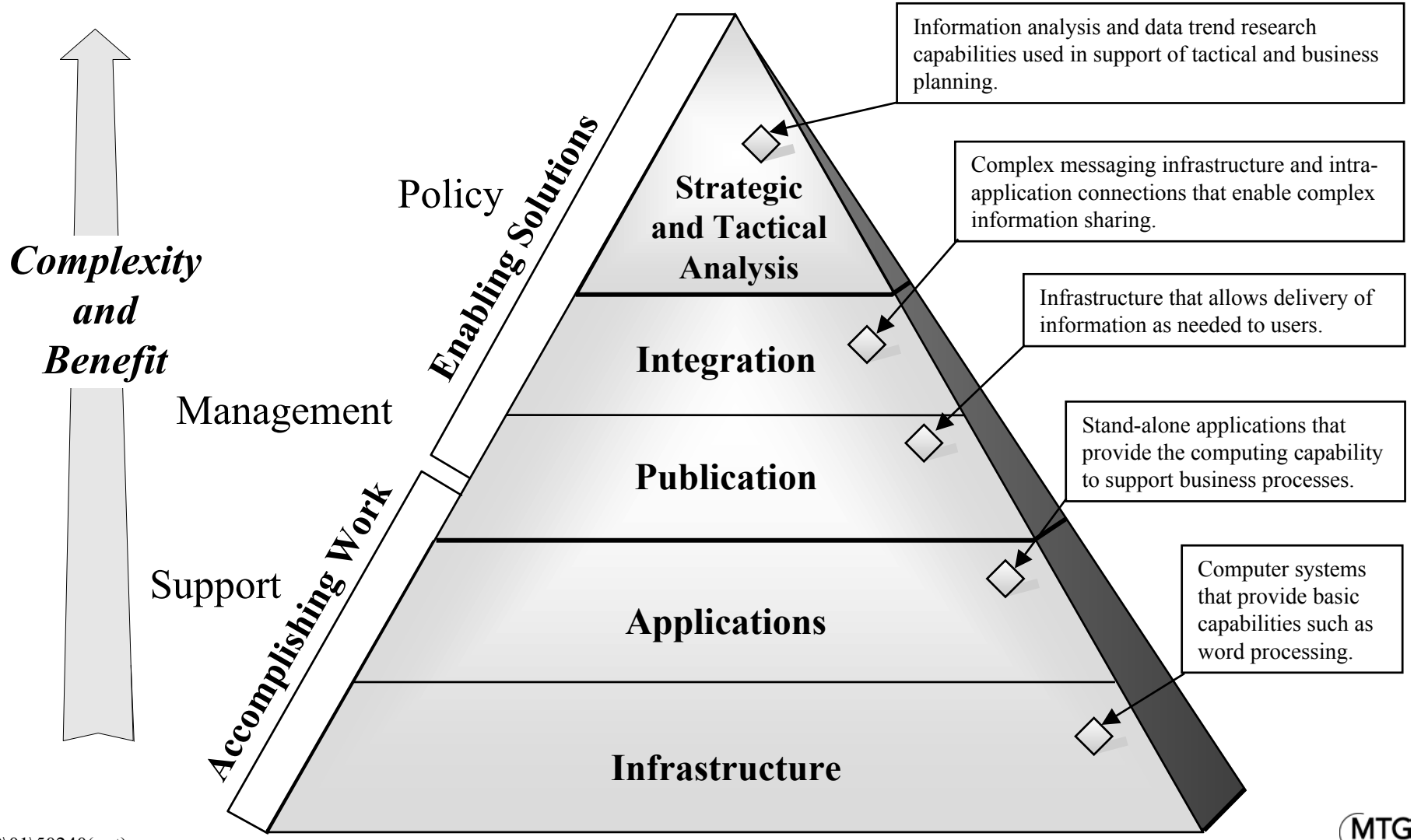
This initiative will provide the publication and integration projects that deliver a significant portion of the information essential to justice processes as well as the common jail application and State's Attorney application. In addition to the publication and integration layer efforts, specific projects focus on ensuring that access to the CJIS system is cost-effective and pilots a Virtual Private Network (VPN) solution. Specific projects are listed in the next section. EXHIBIT VI-3, which follows EXHIBIT VI-2, diagrams the relationship of the tactical projects contained in this initiative to the integration model.

Initiative 3 – CJIS Expansion

This initiative will focus on three significant activities, increasing the level of publication, adding integration, and providing common field reporting applications that fulfill the needed capability to

STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

INTEGRATION MODEL



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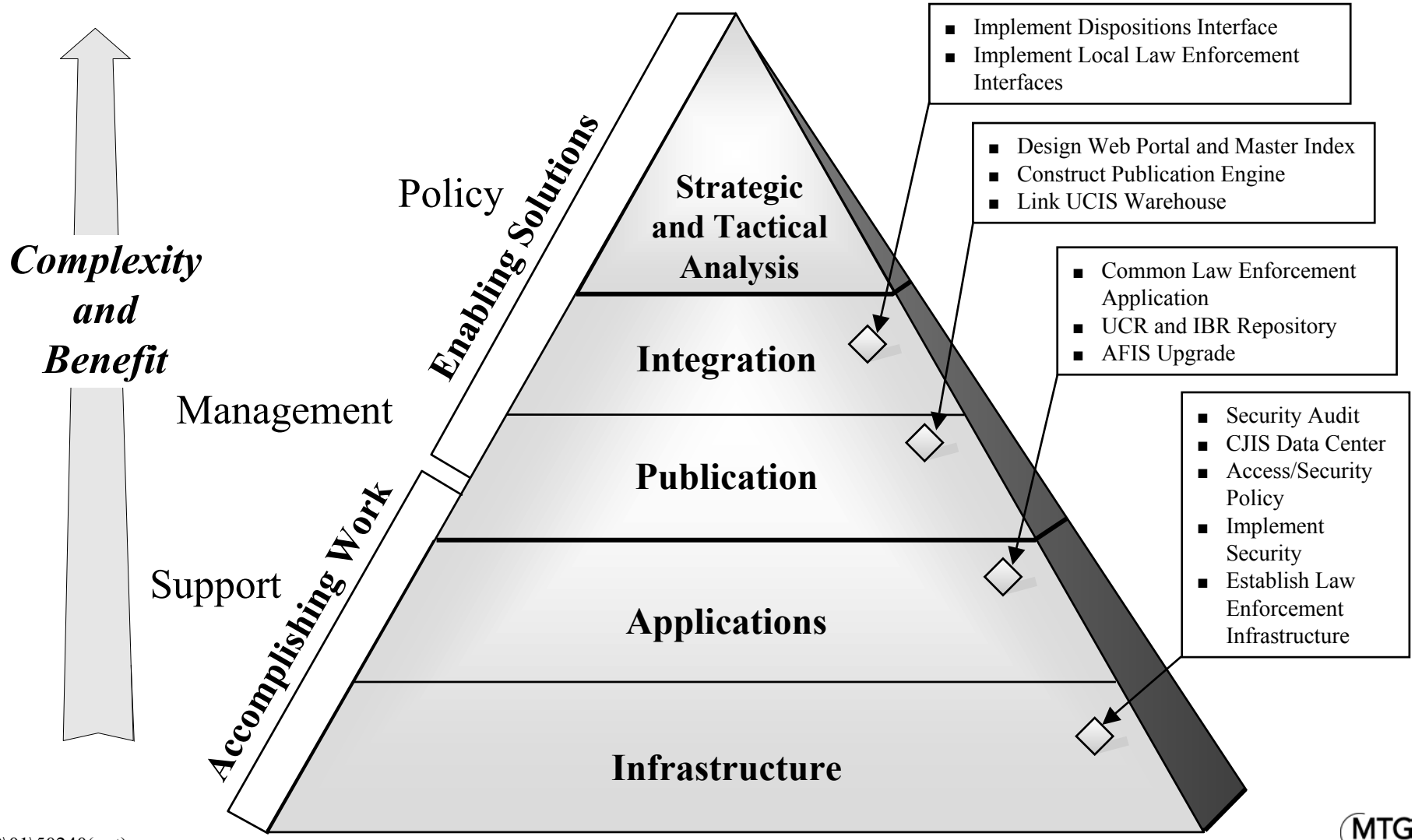
STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

PROOF OF CONCEPT



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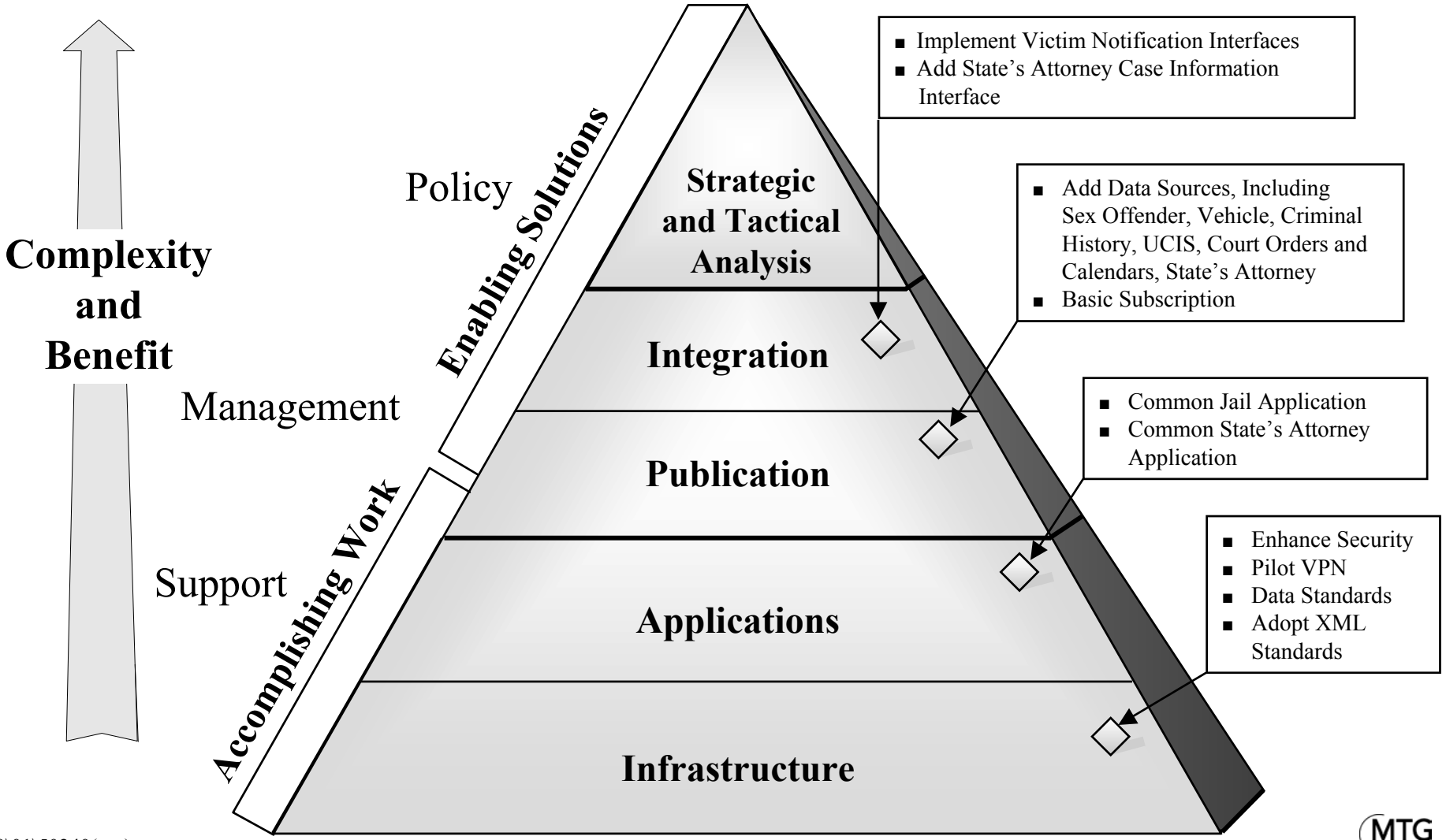
STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

BACKBONE DEVELOPMENT



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collect incident information in the field. Specific projects focus on adding subscription and notification capability and includes a complex search mechanism. This initiative includes projects to link DOT systems with the CJIS portal, a critical effort to increase access to information resources. Specific projects are listed in the next section. EXHIBIT VI-4, which follows this page, diagrams the relationship of the tactical projects contained in this initiative to the integration model.

Initiative 4 – CJIS Enhancement

This initiative enhances the CJIS environment to provide additional information and new analysis capabilities. Specific projects focus on implementing a citation fee and restitution system, an intelligence system, and migrating NDLETS to the Web-based CJIS portal. This initiative includes implementation of an enhanced subscription capability and completes the unique law enforcement system interfaces. Specific projects are listed in the next section. EXHIBIT VI-5, which follows EXHIBIT VI-4, diagrams the relationship of the tactical projects contained in this initiative to the integration model.

B. IMPLEMENTATION STRATEGY

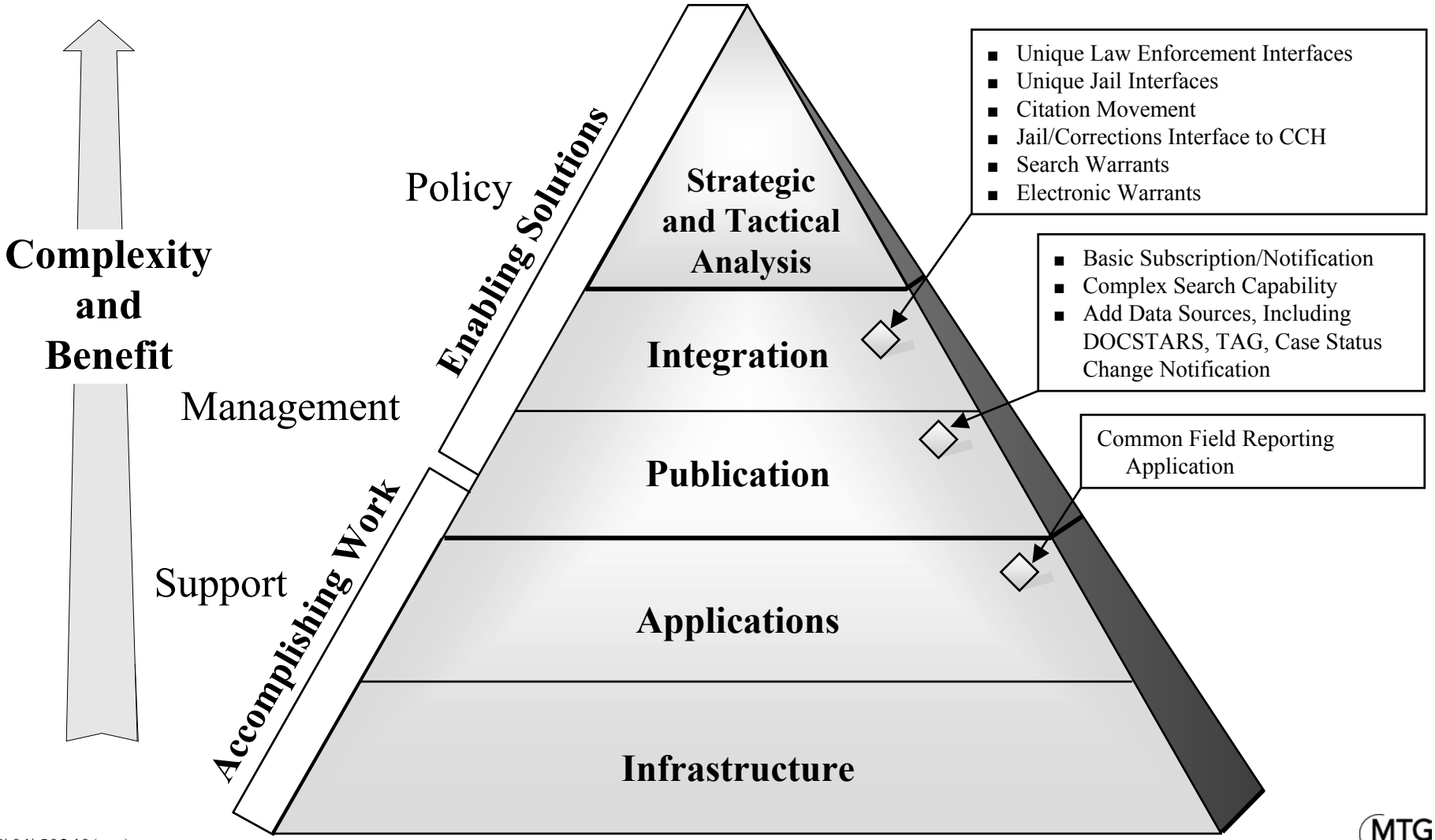
This section describes the implementation strategy that will be followed for development of the CJIS during the 5-year planning horizon. While all of the desired changes to fully implement the CJIS will not be completed over the course of this initial planning period (i.e., strategic and tactical analysis solutions will not be fully delivered), the strategic and implementation plans provide the vast majority of desired functionality to facilitate meaningful and accurate information exchange among justice partners. The implementation strategy is designed based upon the strategic direction to deliver near-term value and package the CJIS implementation into discrete phases, each of which provides demonstrable benefit and builds upon the work of the prior phase.

The implementation strategy and the plan derived from it provide a detailed path that step-by-step moves the environment from its current structure to the configurations that will support CJIS. EXHIBIT VI-6, which follows EXHIBIT VI-5, depicts the migration from existing application systems to the future application environment. A underlying theme not clearly represented in the exhibit is that the technology infrastructure supporting the CJIS is continually undergoing changes to support the applications. The focus of that migration is the realization of the CJIS goals and objectives while maintaining justice operations.

Therefore, the implementation strategy prioritizes establishing a publishing system and information exchanges that support linking CJIS information. In the short term, this focus delivers benefit while building to the long-term goal of integrated justice information in North Dakota. In effect, this strategy focuses initially on getting justice information to users, then making the information

STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

CJIS EXPANSION



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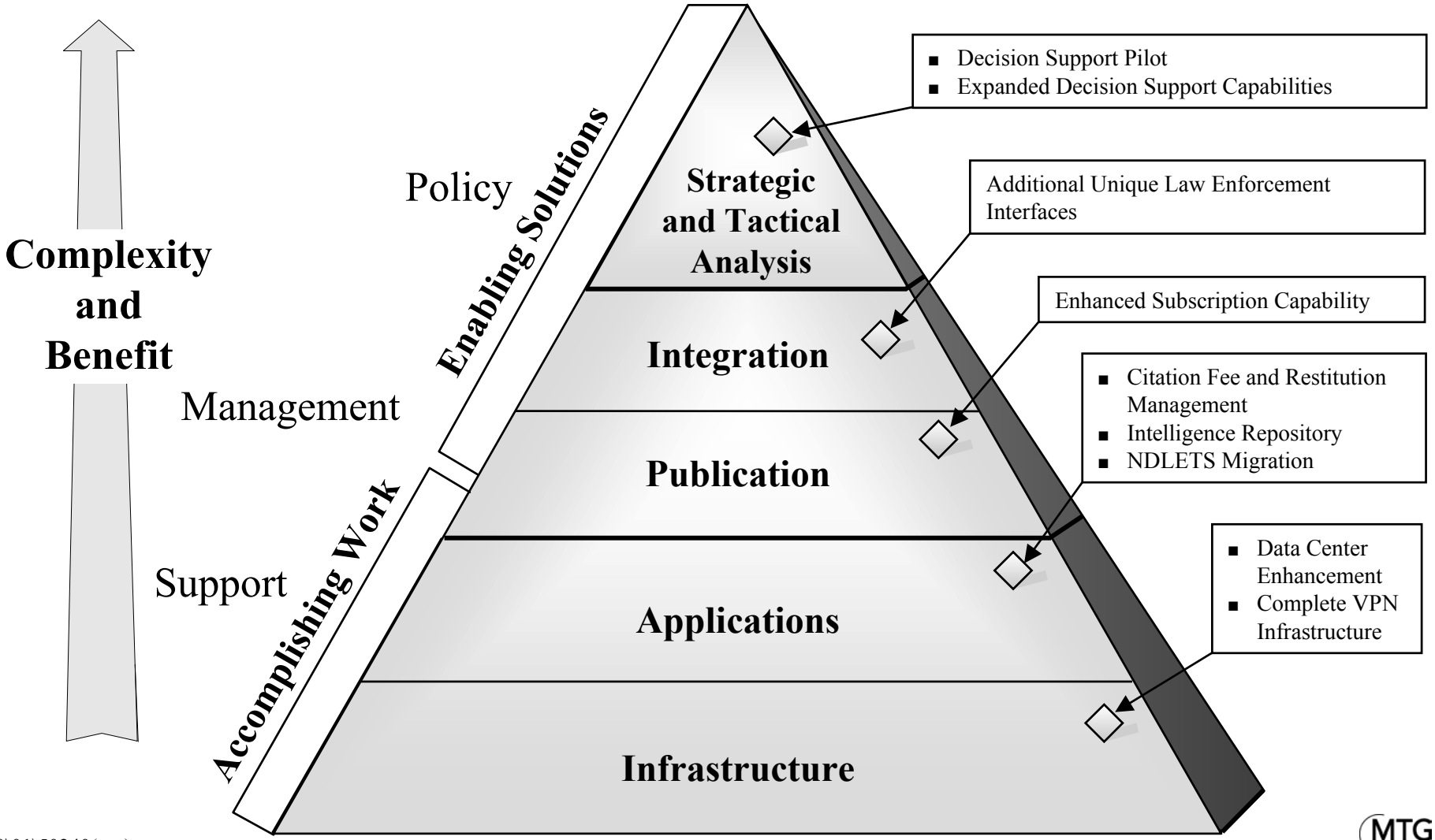
STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

CJIS ENHANCEMENT



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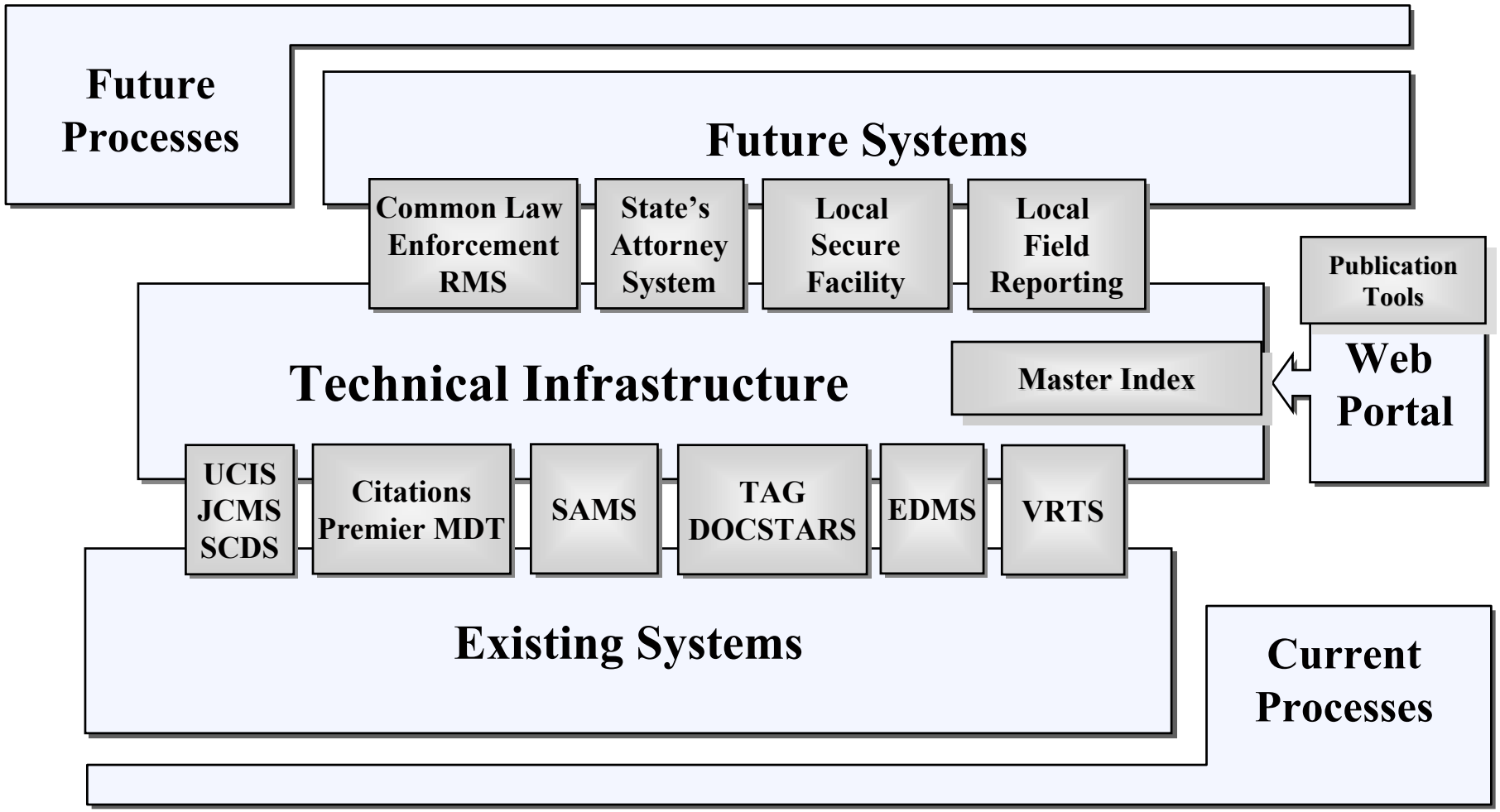
STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

APPLICATION MIGRATION



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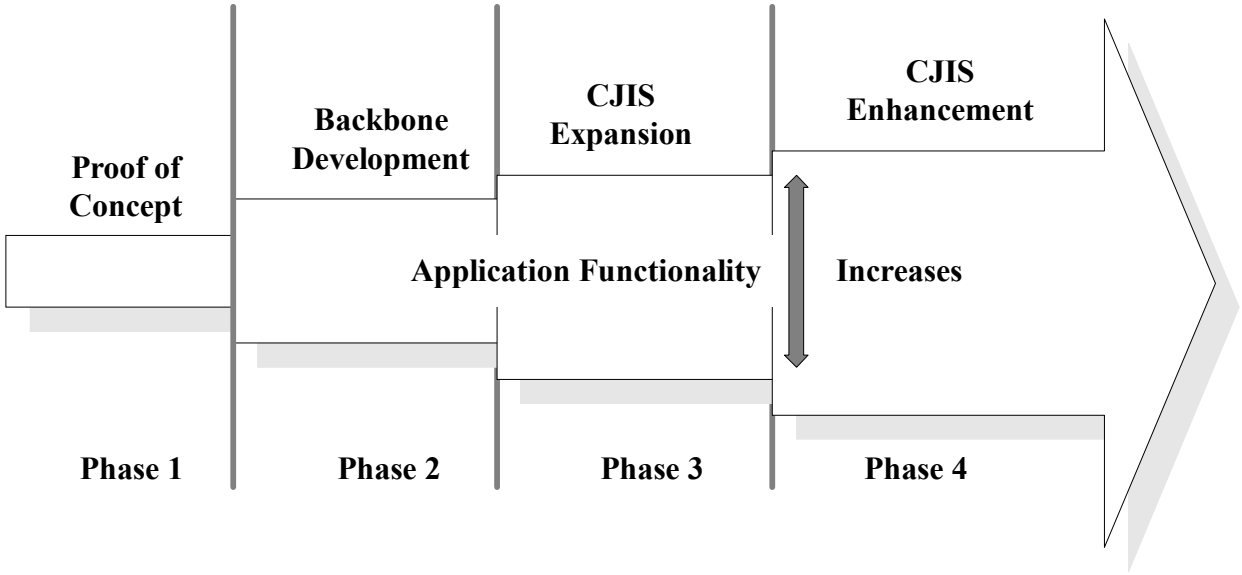
progressively better, more timely, and more robust as the messaging infrastructure and work is completed. This set of phased strategic changes is intended to be a steady, planned evolution of the CJIS environment. Although the implementation strategy is presented in distinct phases, the intent is to create a fluid, progressive change that enhances the technology architecture from phase to phase without disrupting CJIS business operations and efforts. The staged effect of the implementation strategy is illustrated in Figure 1 below.

Figure 1 – North Dakota Migration Effort



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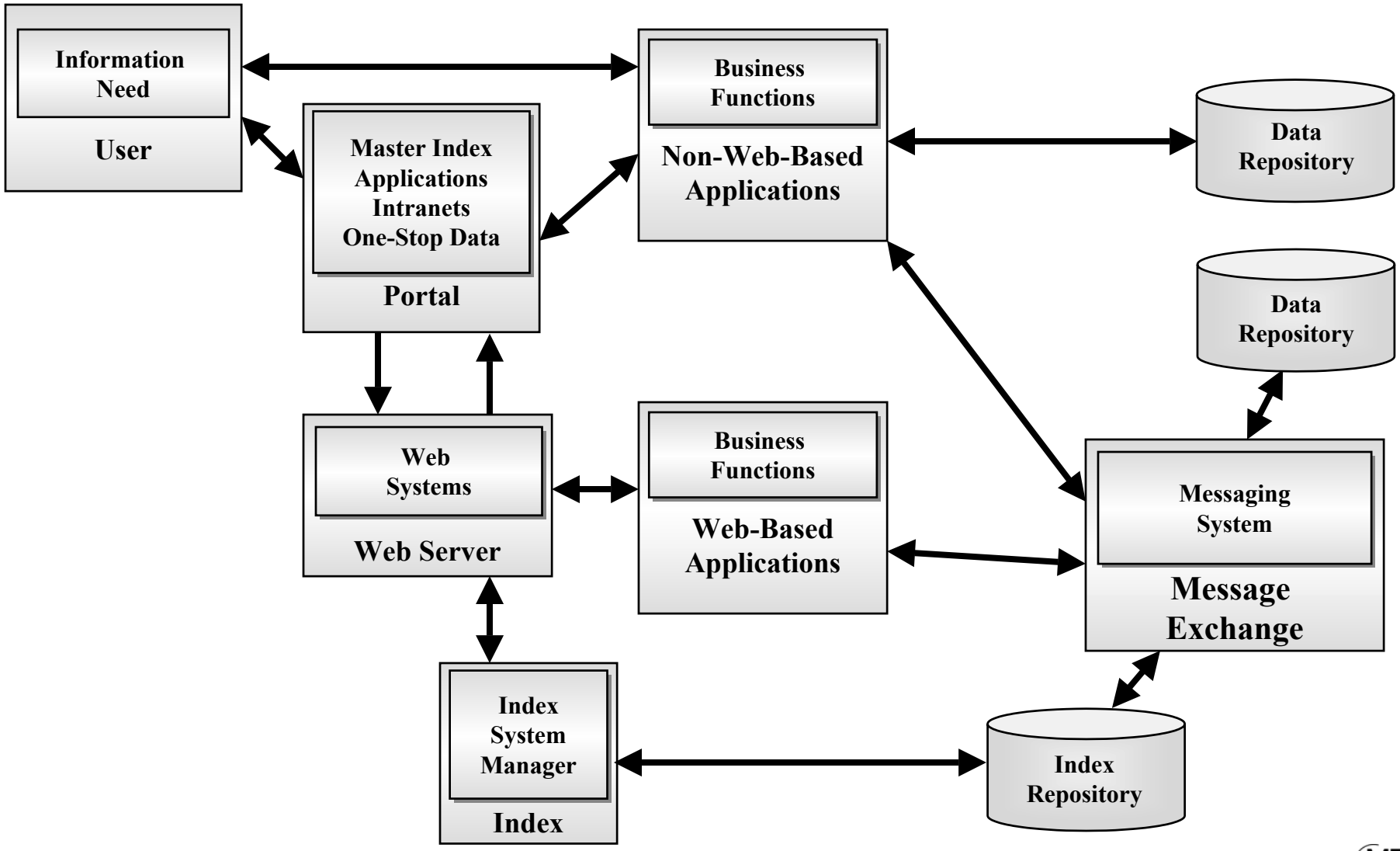
These four phases focus around a core component of the environment, North Dakota's integration backbone. EXHIBIT VI-7, which follows this page, represents the key components that create this backbone. The integration backbone consists of a Web portal, index server, and message gateway and is created over the course of first three phases of implementation. It enables the seamless exchange of justice information immediately within North Dakota that is enhanced as the CJIS project progresses. The four phases, coupled with the evolution of the integration backbone, will be accomplished in a gradual process, creating a smooth and steady increase in CJIS functionality and benefit as the changes become operational. The implementation strategy provides visible results and operational benefits in a timed and incremental manner, building upon the components established in each phase to ultimately deliver the integrated information sharing and decision support capabilities that realize the full value and potential of the CJIS.

STATE OF NORTH DAKOTA
CRIMINAL JUSTICE INFORMATION SHARING PROJECT

NORTH DAKOTA INTEGRATION BACKBONE



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VII. TACTICAL PROJECTS

VII. TACTICAL PROJECTS

Each initiative undertaken by North Dakota is composed of a number of related projects. These projects have been developed from the preceding planning documents and workshops. Many of these projects were directly distilled from this effort while others are a logical derivation of the steps needed to implement the CJIS solutions. The implementation effort is centered around two critical concepts:

- Small single-focused projects that can be completed within a single implementation phase should be maintained.
- Each project should focus on a single logic layer of the architecture framework.

These concepts create a detailed project listing that includes a significant number of projects. The number of projects may initially appear a bit overwhelming, but their structure is intended to isolate and identify a specific set of logical and consumable efforts the move the state toward realizations of the CJIS vision and goals.

A. ASSUMPTIONS AND CONSTRAINTS

Several assumptions have been made in preparation of the implementation plan. Specific schedule and budgetary assumptions and constraints will be detailed in Sections VIII and Section IX, respectively. The following overall CJIS Implementation Plan assumptions and known constraints were applied:

- The cost, schedule, and human resources estimates for CJIS implementation should be treated as planning estimates only. Actual project costs and schedules may deviate significantly as projects are defined in detail upon formal initiation and based on state dependencies, priorities, and decisions. Cost and schedule estimates beyond the first 2 years of CJIS implementation are very general and will be detailed as the CJIS plan is updated each year.
- State's Attorneys' offices will utilize the new attorney case management system for capture and management of case information. A Web-based interface for the system will enable part-time State's Attorneys to input an agreed-upon set of information. If State's Attorneys elect not to use the new case management system, they will be responsible for entry of the information into a CJIS-compatible format.
- Human resource estimates for ongoing business operations (e.g., the number of police officers and clerical staff) are outside the scope of this planning document. Only the business

resources necessary to implement a project, estimated in personnel hours, will be provided in the plan, but those efforts will not be reflected in the cost models.

- Incremental staff costs for a full-time CJIS project director will be included in the CJIS Implementation Plan as operating cost items.
- Technical and business support efforts for specific projects will be estimated in personnel hours but not represented in the cost models, with the exception of additional contract technical staff proposed in the plan. These additional technical staff will be used to address some of the estimated technically related efforts. These resources are estimated at $100 per hour.
- It is assumed that business and technical support, with the exception of the specific new positions outlined in the plan, will be drawn from existing business and technical resources. While backfill plans may be required to free appropriate resources to the CJIS development, those costs are not reflected in the plan costs.
- Phase 4 CJIS plans for Decision Support Systems (DSS) will provide a pilot implementation only with identification of the follow-on development plans and business requirements for future releases of the DSS environment. CJIS plans for DSS will provide a limited implementation of the DSS environment.

These assumptions impact the scope and costs reflected in the planning estimates and assist the reader in interpreting the information that follows.

B. PROJECTS

The tactical projects that will implement the CJIS vision deliver specific infrastructure changes, application improvements or additions, publication components, and integration mechanisms. The number of projects is extensive; however, the logical division of these projects into the four phases helps focus the effort to deliver specific results.

A detailed project sheet has been developed for each project to further define the scope and purposes of the projects. This detail is provided in APPENDIX C. Each detailed project sheet provides the following information:

- *Project*. The title used to refer to the specific project.
- *Project Number*. A unique plan project identifier.
- *Responsible Organization*. The project's sponsoring organization. It is also the organization that will have budget and leadership responsibility for the project.
- *Documentation Date*. The date that the project description sheet was created.

- *Project Budget*. The estimated budget requirements for the project and the fiscal year(s) in which expenditures will occur.
- *Project Duration*. The planned beginning and ending dates and project duration.
- *Project Resources (in hours)*. The amount of staff time required to support the project, broken down by type of resource. This section provides a general estimate of business staff effort requirements with the resource category labeled "Business Expert."
- *Project Description*. A general description of the project's purpose and objectives.
- *Benefits and Justification*. A general description of the project's benefits and justification.
- *Business and Technology Goals Supported*. The most important two or three business and technology goals that may be enabled or supported through completion of the project.
- *Task Plan*. The general tasks or activities that the project will complete and any related project deliverables.
- *Deliverables*. The work products that are to be produced by the project.
- *Issues, Risks, and Notes*. A general description of any project issues, risks, or notes.
- *Involved Agencies*. A list of the organizations that will be involved in the project.

The relationship of the CJIS implementation projects to strategic initiatives was outlined in Section VI. However, it is important to also examine the projects in terms of which ones will be completed in the various phases. The initiatives and their associated tactical projects are outlined below. Each project is preceded by a unique identifier that associates the specific project with the specific aspect of the strategic initiative (e.g., projects 3A and 3B support infrastructure components of Initiative 1, Proof of Concept, while project 12A supports the application layer components of Initiative 3, CJIS Enhancement).

Table VII-1 lists the projects in Phase 1.

Table VII-1– Proof of Concept

Project ID	Project
Phase 1	***Proof of Concept***
3	*Infrastructure Layer*
3A	Security Audit and Detailed Design
3B	CJIS Data Center
3C	Security Implementation
3D	Audit and Logging Subsystem

Project ID	Project
3E	Law Enforcement Infrastructure
4	*Application Layer*
4A	Common Law Enforcement Application
4B	UCR and IBR Repository
4C	User Information System (UIS)
4D	AFIS Upgrade
5	*Publication Layer*
5A	Portal Design and Scope
5B	Central Publication Engine/Master Index
5C	UCR and IBR Repository Information
5D	UCIS Data Warehouse Link
5E	Jail Information
6	*Integration Layer*
6A	Disposition Interface
6B	Law Enforcement to UCR Interface(s)
7	*Supporting Projects*
7A	Statute and Disposition Matrix
7B	Access and Security Policy

Table VII-2 lists the projects in Phase 2.

Table VII-2 – Backbone Development

Project ID	Project
Phase 2	***Backbone Development***
8	*Infrastructure Layer*
8A	Security Subsystem Enhancement
8B	VPN Infrastructure Pilot
9	*Application Layer*
9A	Common Jail Application
9B	Common State's Attorney Application

Project ID	Project
10	*Publication Layer*
10A	Sex Offender Registry
10B	Jail Information
10C	Protection Order and Warrant Information
10D	Court Calendars Information
10E	Vehicle Registration Information
10F	CCH Publication
10G	Court Order Information
10H	UCIS Case Information
11	*Integration Layer*
11A	State's Attorney Case Information
11B	Victim Notification

Table VII-3 lists the projects in Phase 3.

Table VII-3 – CJIS Expansion Projects

Project ID	Project
Phase 3	***CJIS Expansion***
12	*Application Layer*
12A	Common Field Reporting Application
13	*Publication Layer*
13A	DOCSTARS Information
13B	TAG Information
13C	Driver Abstract Information and Photos
13D	Basic Subscription Capability
13E	Complex Search Mechanism
13F	Case Status Change Notification
14	*Integration Layer*
14A	Local Prosecution to UCIS
14B	Jail/Corrections to CCH Interface

Project ID	Project
14C	Unique Jail Interface(s)
14D	Electronic Warrants (Arrest)
14E	Unique Law Enforcement Interface(s)
14F	Citations Movement
14G	Search Warrants

Table VII-4 lists the projects in Phase 4.

Table VII-4 – CJIS Enhancement Projects

Project ID	Project
Phase 4	***CJIS Enhancement***
15	*Infrastructure Layer*
15A	Data Center Enhancement
15B	VPN Infrastructure
16	*Application Layer*
16A	NDLETS to CJIS Migration
16B	Citation Fee and Restitution Management
16C	Intelligence Repository System
17	*Publication Layer*
17A	Enhanced Subscription Capability
17B	Subscription and Notification Capability Enhancement
18	*Integration Layer*
18A	Unique Law Enforcement Interface(s)
19	*Decision Support Layer*
19A	Decision Support Tool Pilot
19B	Decision Components

Table VII-5 lists the projects that support the entire project.

Table VII-5 – Training and Maintenance Projects

Project ID	Project
M	***Training and Maintenance Projects***
M1	Overall Support Strategy and Plan
M2	Centralized Help Desk/Information Center
M3	Centralized Web Support
M4	Training Program
M5	Data Standard Update Projects
M6	Security Policy Update Projects
M7	Technical Architecture Updates
M8	Manage Project Budget
M9	Plan Implementation Assistance

* * * * * *

Section VIII, Implementation Schedule, follows this section and provides the specific timeline details and sequencing for each project.

VIII. IMPLEMENTATION SCHEDULE

VIII. IMPLEMENTATION SCHEDULE

This section outlines the basic planning assumptions and constraints, priorities assigned to the projects, and resulting project schedule. A general schedule has developed for each of the projects presented in the previous section. This schedule was developed by considering the dependencies between the projects, basic planning assumptions, priorities that align with the business and technology goals of CJIS, and principles for IT described in the technology architecture. This section outlines the basic planning assumptions and constraints, the priorities assigned to projects, and the resulting project schedule.

A. ASSUMPTIONS AND CONSTRAINTS

The construction of a detailed project or plan schedule is driven first by a defined set of external and internal assumptions regarding each project. Then the schedule is further defined based upon whatever constraints there may be regarding the amount of resources, scheduling conflicts, funding availability, etc. The schedule presented below is based on the intentions expressed by CJIS Executive Committee members and justice organizations. Some projects may currently lack adequate funding and staff resources. It is assumed that these funding resources are forthcoming or will be appropriated over the course of the CJIS Implementation Plan. In the event that they are not, these projects are likely to be delayed. The project detail sheets in APPENDIX C provide independent lists of tasks and deliverables for each project.

In dealing with the number of projects that the CJIS effort must plan and manage, some key planning assumptions were developed and validated by CJIS planners. These assumptions aid in determining the order in which the projects are started, and they include:

1. Scope Assumptions

- The plan will include and integrate infrastructure, functional, and information-sharing applications needed for justice organizations.
- The plan will also include estimated technical resources for implementation.
- Costs for end-user devices and local area network changes required within the organizations or municipalities are not included in the scope of the plan.
- Integration planning will focus on the primary functional justice applications.
- Applications will be fully functional and capable of capturing both operational and policy data.

- Operational resource requirements will be estimated for technical staff but not for business operations staff.
- Although State Radio communications and wireless data mechanisms are necessary to local law enforcement, they are not within the scope of the project plan.

2. Implementation Assumptions

- The planning horizon will be approximately 5 years, beginning in 2002 and focusing on the 2003 to 2005 and 2005 to 2007 budget periods of the plan.
- The fiscal planning components of the project will minimize fiscal impact on the state during the 2003 to 2005 budget period.
- Common local functional application solutions will favor "buy" over "build," unless there is strong business rationale to the contrary.
- The plan will be designed to ensure value is provided to North Dakota while striving to maintain compatibility with state plans and direction.
- The CJIS plan will emphasize delivering near-term value to the justice community through its integration efforts.
- Plan implementation will utilize pilot and limited implementations to prove technical concepts, operational viability, and support processes and structure.
- Completing current projects is the immediate priority.
- Adding new functionality is the long-term focus of the projects in the CJIS project portfolio.
- The public access project follows implementation of the justice information-sharing capabilities.
- The core technology, workstation, and enterprise application project areas must coincide with implementation of the departmental applications.

3. Management Assumptions

- Each CJIS project will have a designated and accountable project manager.
- The CJIS plan will be updated annually to reflect accomplishments, new projects and priorities, funding changes, and learning from previous experience.

4. Technology Assumptions

- A mainstream technology platform will be chosen for the integration backbone.
- The technology architecture will be built upon the CJIS integration backbone concepts.

If any of these assumptions and constraints are delayed or not implemented as currently defined, they may have an overall rippling effect on the rest of the schedule.

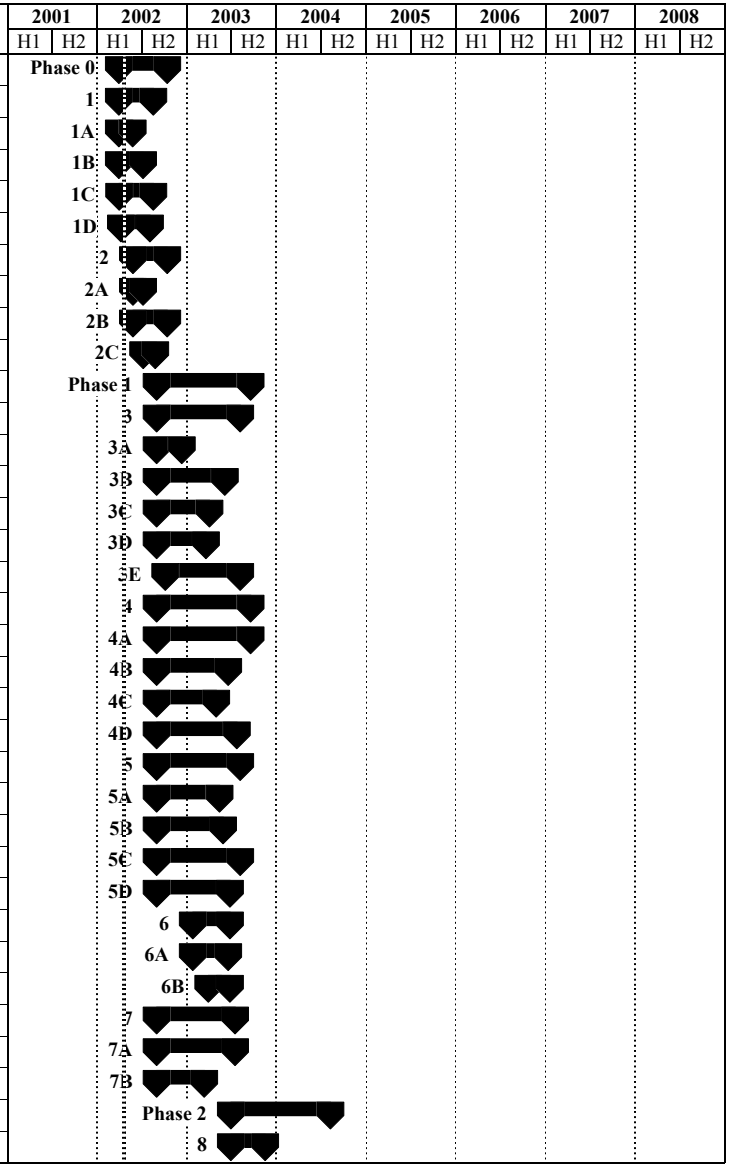
B. SCHEDULE

The overall summary schedule for the implementation plan is presented in a Gantt chart in EXHIBIT VIII-1, which follows this page. The exhibit provides a summarized and graphical representation of the CJIS implementation schedule organized by strategic initiative. In addition, the following exhibits detail the specific projects within each phase:

- Phase 0, which starts in May 2002 and ends in September 2002, consists of preparatory projects.
- EXHIBIT VIII-2, which follows EXHIBIT VIII-1, provides the schedule for all projects within the scope of Phase 1 – Proof of Concept, which starts in September 2003 and ends in June 2003.
- EXHIBIT VIII-3, which follows EXHIBIT VIII-2, provides the schedule for all projects within the scope of Phase 2 – Backbone Development, which starts in July 2003 and ends in June 2004.
- EXHIBIT VIII-4, which follows EXHIBIT VIII-3, provides the schedule for all projects within the scope of Phase 3 – CJIS Expansion, which starts in July 2004 and ends in June 2005.
- EXHIBIT VIII-5, which follows EXHIBIT VIII-4, provides the schedule for all projects within the scope of Phase 4 – CJIS Enhancement, which starts in July 2005 and ends in late 2007.
- A Management Phase, which starts concurrently with Phase 0, runs the duration of the project and represents the efforts to manage the project efforts and implement training.

Finally, a Gantt chart is provided in APPENDIX D that presents the detailed schedule, including subordinate activities, for all projects in the implementation plan. When reviewing APPENDIX D, the following structure should be kept in mind:

WBS	Task Name
Phase 0	IMPLEMENTATION PREPARATION
1	GOVERNANCE PROJECTS
1A	GOVERNANCE FINALIZATION
1B	MANAGEMENT REPORTING MECHANISMS
1C	TACTICAL BUDGET IMPLEMENTATION
1D	PROJECT DIRECTOR
2	MANAGEMENT PROJECTS
2A	PROJECT MANAGEMENT CONTROLS
2B	PROJECT RESOURCE ACQUISITION
2C	CONFIGURATION MANAGEMENT SYSTEM
Phase 1	PROOF OF CONCEPT
3	INFRASTRUCTURE LAYER
3A	SECURITY AUDIT AND DETAILED DESIGN
3B	CJIS DATA CENTER
3C	SECURITY IMPLEMENTATION
3D	AUDIT AND LOGGING SUBSYSTEM
3E	LAW ENFORCEMENT INFRASTRUCTURE
4	APPLICATION LAYER
4A	COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)
4B	UCR AND IBR REPOSITORY
4C	USER INFORMATION SYSTEM (UIS)
4D	AFIS UPGRADE
5	PUBLICATION LAYER
5A	PORTAL DESIGN AND SCOPE
5B	CENTRAL PUBLICATION ENGINE/MASTER INDEX
5C	UCR AND IBR REPOSITORY INFORMATION
5D	UCIS DATA WAREHOUSE LINK
6	INTEGRATION LAYER
6A	DISPOSITION INTERFACE
6B	LOCAL LAW ENFORCEMENT TO UCR INTERFACE(S)
7	SUPPORTING PROJECTS
7A	STATUTE AND DISPOSITION MATRIX
7B	ACCESS AND SECURITY POLICY
Phase 2	BACKBONE DEVELOPMENT
8	INFRASTRUCTURE LAYER



Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
Deadline

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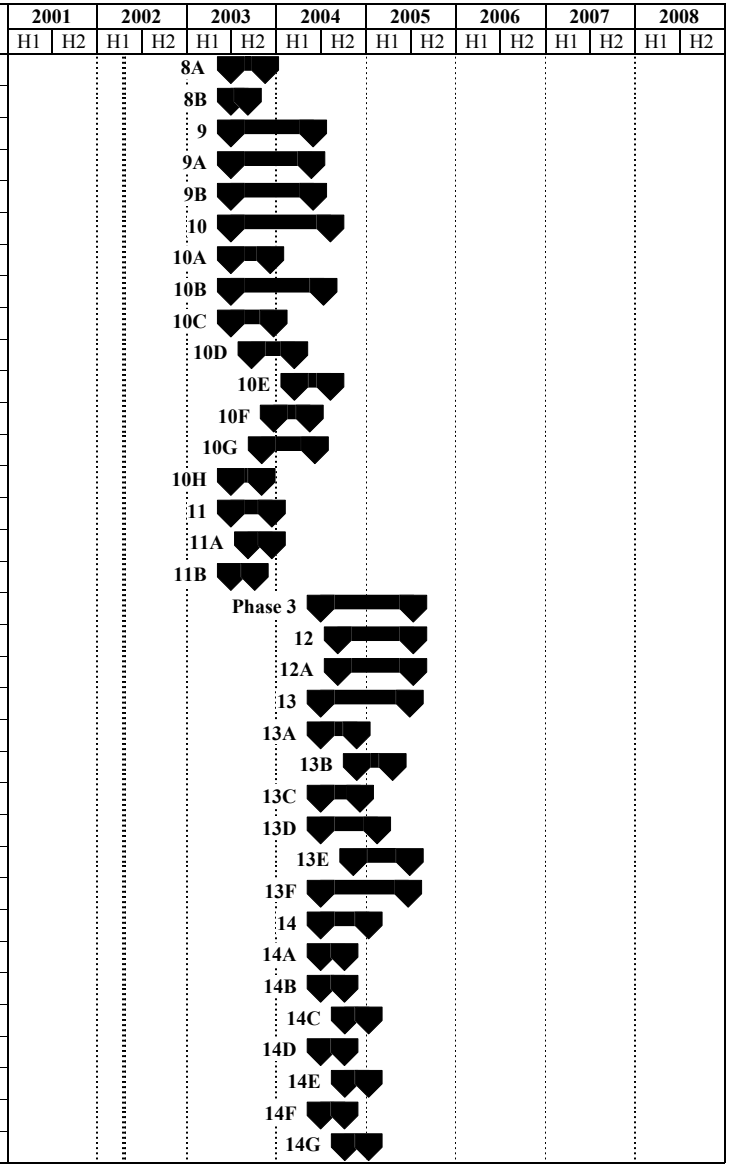
WBS	Task Name
8A	SECURITY SUBSYSTEM ENHANCEMENT
8B	VPN INFRASTRUCTURE PILOT
9	APPLICATION LAYER
9A	COMMON JAIL APPLICATION
9B	COMMON STATE'S ATTORNEY APPLICATION
10	PUBLICATION LAYER
10A	SEX OFFENDER REGISTRY (SOR)
10B	JAIL INFORMATION
10C	PROTECTION ORDER AND WARRANT INFORMATION
10D	COURT CALENDARS INFORMATION
10E	VEHICLE REGISTRATION INFORMATION
10F	CCH PUBLICATION
10G	COURT ORDER INFORMATION
10H	UCIS CASE INFORMATION
11	INTEGRATION LAYER
11A	STATE'S ATTORNEY CASE INFORMATION
11B	VICTIM NOTIFICATION
Phase 3	CJIS EXPANSION
12	APPLICATION LAYER
12A	COMMON FIELD REPORTING APPLICATION
13	PUBLICATION LAYER
13A	DOCSTARS INFORMATION
13B	TAG INFORMATION
13C	DRIVER ABSTRACT INFORMATION AND PHOTOS
13D	BASIC SUBSCRIPTION CAPABILITY
13E	COMPLEX SEARCH MECHANISM
13F	CASE STATUS CHANGE NOTIFICATION
14	INTEGRATION LAYER
14A	LOCAL PROSECUTION TO UCIS
14B	JAIL/CORRECTIONS TO CCH INTERFACE
14C	UNIQUE JAIL INTERFACE(S)
14D	ELECTRONIC WARRANTS (ARREST)
14E	UNIQUE LAW ENFORCEMENT INTERFACE(S)
14F	CITATION MOVEMENT
14G	SEARCH WARRANTS



Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
Deadline

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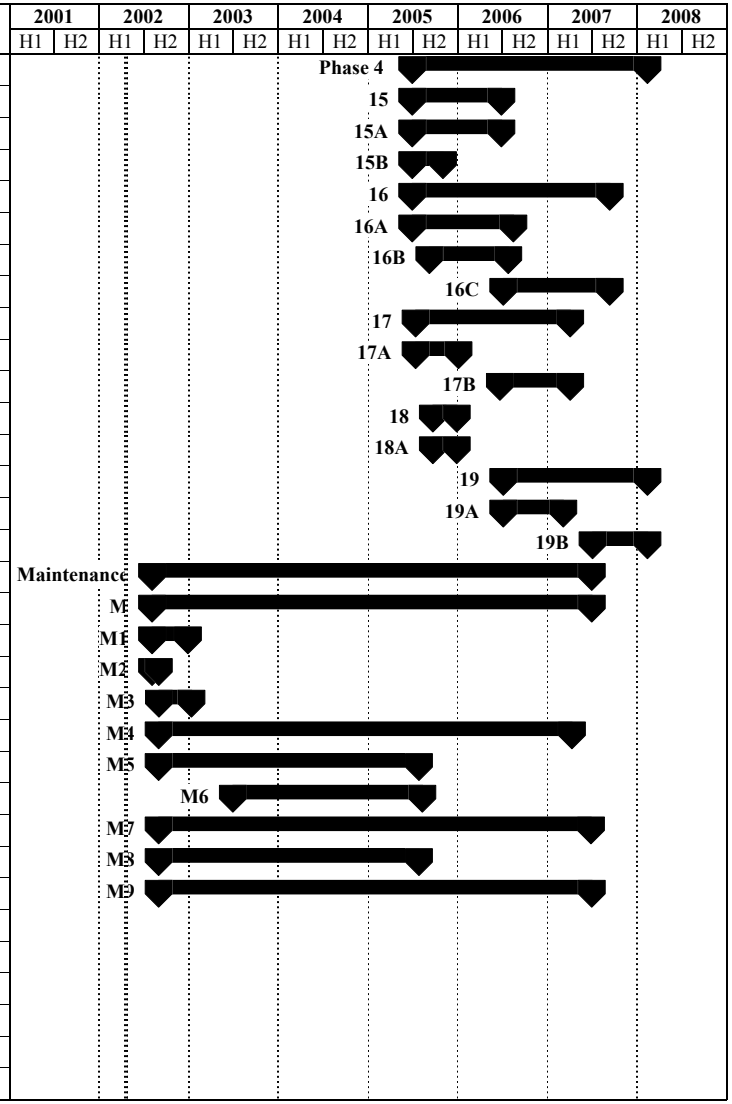
WBS	Task Name
Phase 4	CJIS ENHANCEMENT
15	INFRASTRUCTURE LAYER
15A	DATA CENTER ENHANCEMENT
15B	VPN INFRASTRUCTURE
16	APPLICATION LAYER
16A	NDLETS TO CJIS MIGRATION
16B	CITATION FEE AND RESTITUTION MANAGEMENT
16C	INTELLIGENCE REPOSITORY SYSTEM
17	PUBLICATION LAYER
17A	SUBSCRIPTION AND NOTIFICATION CAPABILITY ENHANCEMENT
17B	ENHANCED SUBSCRIPTION CAPABILITY
18	INTEGRATION LAYER
18A	UNIQUE LAW ENFORCEMENT INTERFACE(S)
19	DECISION SUPPORT LAYER
19A	DECISION SUPPORT TOOL PILOT
19B	DECISION COMPONENTS
Maintenance	TRAINING AND MAINTENANCE PROJECTS
M	TRAINING AND MAINTENANCE PROJECTS
M1	OVERALL SUPPORT STRATEGY AND PLAN
M2	CENTRALIZED HELP DESK/INFORMATION CENTER
M3	CENTRALIZED WEB SUPPORT
M4	TRAINING PROGRAM
M5	DATA STANDARD UPDATE PROJECTS
M6	SECURITY POLICY UPDATE PROJECTS
M7	TECHNICAL ARCHITECTURE UPDATES
M8	MANAGE PROJECT BUDGET
M9	PLAN IMPLEMENTATION ASSISTANCE

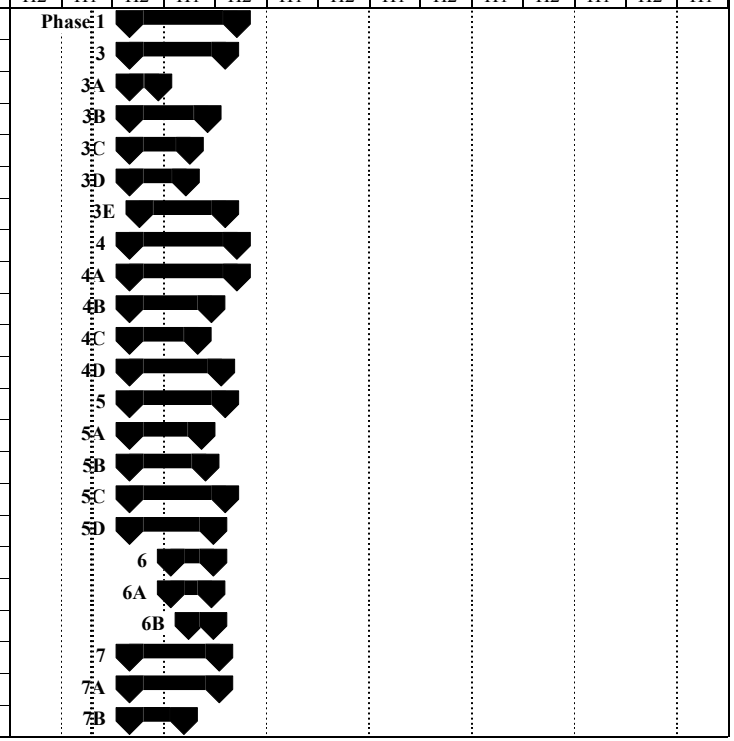


Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
Progress | Rolled Up Task | Split | External Milestone | External Milestone
Milestone | Rolled Up Milestone | External Tasks | External Milestone | External Milestone

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
PHASE 1 PROJECT SCHEDULE OVERVIEW

EXHIBIT VIII-2

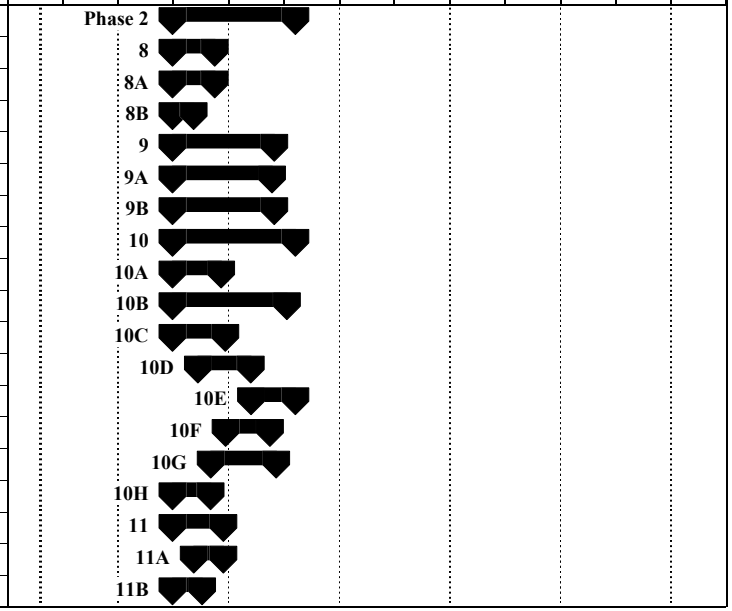
WBS	Task Name
Phase 1	PROOF OF CONCEPT
3	INFRASTRUCTURE LAYER
3A	SECURITY AUDIT AND DETAILED DESIGN
3B	CJIS DATA CENTER
3C	SECURITY IMPLEMENTATION
3D	AUDIT AND LOGGING SUBSYSTEM
3E	LAW ENFORCEMENT INFRASTRUCTURE
4	APPLICATION LAYER
4A	COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)
4B	UCR AND IBR REPOSITORY
4C	USER INFORMATION SYSTEM (UIS)
4D	AFIS UPGRADE
5	PUBLICATION LAYER
5A	PORTAL DESIGN AND SCOPE
5B	CENTRAL PUBLICATION ENGINE/MASTER INDEX
5C	UCR AND IBR REPOSITORY INFORMATION
5D	UCIS DATA WAREHOUSE LINK
6	INTEGRATION LAYER
6A	DISPOSITION INTERFACE
6B	LOCAL LAW ENFORCEMENT TO UCR INTERFACE(S)
7	SUPPORTING PROJECTS
7A	STATUTE AND DISPOSITION MATRIX
7B	ACCESS AND SECURITY POLICY



Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
Deadline

MTG

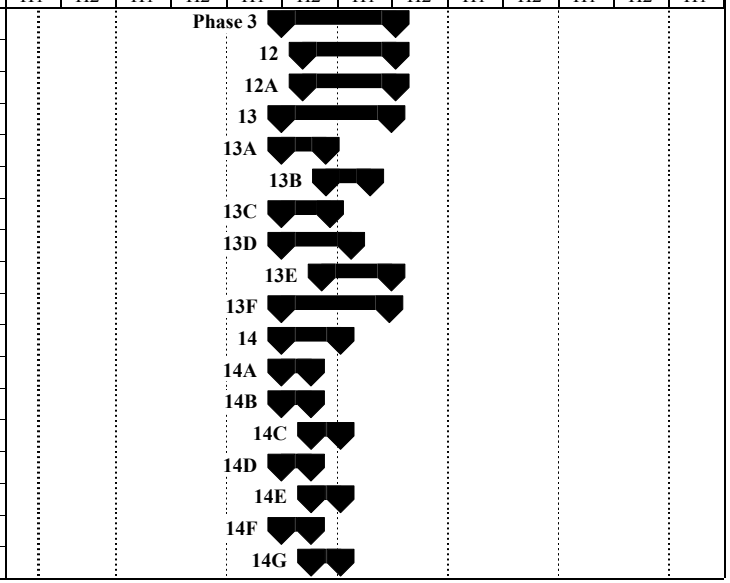
WBS	Task Name
Phase 2	BACKBONE DEVELOPMENT
8	INFRASTRUCTURE LAYER
8A	SECURITY SUBSYSTEM ENHANCEMENT
8B	VPN INFRASTRUCTURE PILOT
9	APPLICATION LAYER
9A	COMMON JAIL APPLICATION
9B	COMMON STATE'S ATTORNEY APPLICATION
10	PUBLICATION LAYER
10A	SEX OFFENDER REGISTRY (SOR)
10B	JAIL INFORMATION
10C	PROTECTION ORDER AND WARRANT INFORMATION
10D	COURT CALENDARS INFORMATION
10E	VEHICLE REGISTRATION INFORMATION
10F	CCH PUBLICATION
10G	COURT ORDER INFORMATION
10H	UCIS CASE INFORMATION
11	INTEGRATION LAYER
11A	STATE'S ATTORNEY CASE INFORMATION
11B	VICTIM NOTIFICATION



Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
Deadline

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
PHASE 3 PROJECT SCHEDULE OVERVIEW

WBS	Task Name
Phase 3	CJIS EXPANSION
12	APPLICATION LAYER
12A	COMMON FIELD REPORTING APPLICATION
13	PUBLICATION LAYER
13A	DOCSTARS INFORMATION
13B	TAG INFORMATION
13C	DRIVER ABSTRACT INFORMATION AND PHOTOS
13D	BASIC SUBSCRIPTION CAPABILITY
13E	COMPLEX SEARCH MECHANISM
13F	CASE STATUS CHANGE NOTIFICATION
14	INTEGRATION LAYER
14A	LOCAL PROSECUTION TO UCIS
14B	JAIL/CORRECTIONS TO CCH INTERFACE
14C	UNIQUE JAIL INTERFACE(S)
14D	ELECTRONIC WARRANTS (ARREST)
14E	UNIQUE LAW ENFORCEMENT INTERFACE(S)
14F	CITATION MOVEMENT
14G	SEARCH WARRANTS



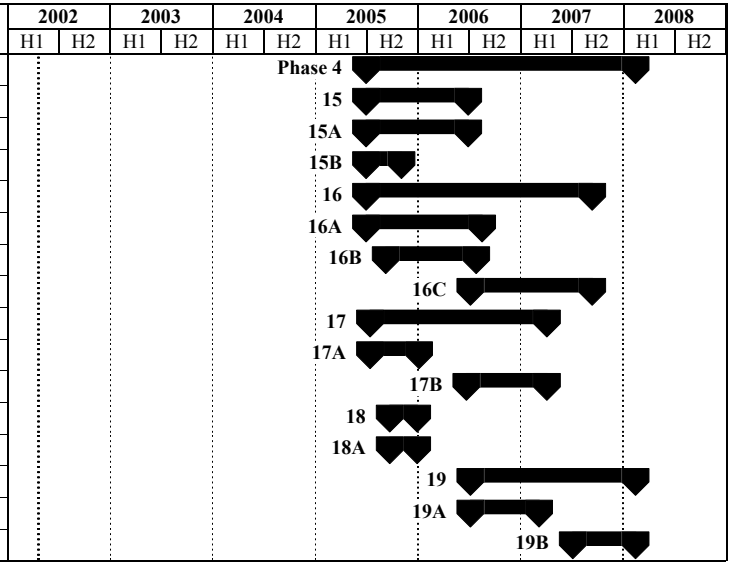
Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
Deadline

MTG

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
PHASE 4 PROJECT SCHEDULE OVERVIEW

EXHIBIT VIII-5

WBS	Task Name
Phase 4	CJIS ENHANCEMENT
15	INFRASTRUCTURE LAYER
15A	DATA CENTER ENHANCEMENT
15B	VPN INFRASTRUCTURE
16	APPLICATION LAYER
16A	NDLETS TO CJIS MIGRATION
16B	CITATION FEE AND RESTITUTION MANAGEMENT
16C	INTELLIGENCE REPOSITORY SYSTEM
17	PUBLICATION LAYER
17A	SUBSCRIPTION AND NOTIFICATION CAPABILITY ENHANCEMENT
17B	ENHANCED SUBSCRIPTION CAPABILITY
18	INTEGRATION LAYER
18A	UNIQUE LAW ENFORCEMENT INTERFACE(S)
19	DECISION SUPPORT LAYER
19A	DECISION SUPPORT TOOL PILOT
19B	DECISION COMPONENTS



Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
External Milestone
External Milestone
External Milestone
External Milestone
External Milestone
Deadline

MTG

- Strategic initiatives have a Work Breakdown Structure (WBS) of a single number (e.g., 1, 2) and the initiative name is shown in bold capital letters. The duration of the initiative is represented by the bar to the right of the title.
- Projects within an initiative are slightly indented from the initiative title and have a subordinate WBS code (e.g., 1A, 1B) and are shown in bold capital letters. The duration of the project is shown to the right of the title in the same format as initiatives.
- Tasks within projects are slightly indented from the project they are part of and have a task-level WBS code (e.g., Task 1, Task 2).
- Deliverables within projects have a WBS code of "DEL" and are presented in unbolded, italicized letters. The diamond shape to the right of the deliverable indicates the deliverable milestone date.

C. KEY MILESTONES

As noted above, the Gantt chart presented in APPENDIX D contains information about the deliverables for each of the projects. EXHIBIT VIII-6, which follows this page, provides a consolidated list of the deliverables by project.

* * * * * *

The schedule represented in the this section forms the basis from which expenditure timing is derived in Section IX. Accomplishing all the projects and tasks identified in this project plan and schedule will deliver the future CJIS environment.

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
1A	*GOVERNANCE FINALIZATION*		
		Governance Structure Implemented	5/27/02
1B	*MANAGEMENT REPORTING MECHANISMS*		
		Marketing and Communication Plans Completed	5/24/02
		Performance Measurement Plan	7/8/02
1C	*TACTICAL BUDGET IMPLEMENTATION*		
		Project Budget (Draft)	6/10/02
		Project Budget	8/19/02
1D	*PROJECT DIRECTOR*		
		Project Director Named	7/8/02
		CJIS Technical Architect Named	8/5/02
2A	*PROJECT MANAGEMENT CONTROLS*		
		Controls Defined	6/24/02
		Controls Implemented	7/8/02
2B	*PROJECT RESOURCE ACQUISITION*		
		Revised Consultant Contract	9/16/02
		Wed Developer Contract	9/30/02
		Outsourcing Vendor Contract	9/30/02
		Revised Existing Vendor Contracts	10/14/02
2C	*CONFIGURATION MANAGEMENT SYSTEM*		
		Configuration Management System Implemented	8/26/02
3A	*SECURITY AUDIT AND DETAILED DESIGN*		
		Security Audit Complete	10/11/02
		Security Design Complete	12/13/02
3B	*CJIS DATA CENTER*		
		Development System Requirements	11/1/02
		Development System Ready	12/13/02
		Production Server Ready	3/7/03
		All Production Servers Installed	6/6/03

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
3C	*SECURITY IMPLEMENTATION*		
		Initial Security System Completed	3/21/03
		Network Management Integrated With Antivirus System	3/21/03
		Security Systems Deployed and Integrated	4/4/03
3D	*AUDIT AND LOGGING SUBSYSTEM*		
		Document Audit Requirements	10/11/02
		Audit System Build Complete	1/24/03
		Audit System Certification	3/21/03
3E	*LAW ENFORCEMENT INFRASTRUCTURE*		
		Regional System Design Verified	4/18/03
		LERMS Infrastructure and Software Installed	7/11/03
4A	*COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)*		
		LERMS Pilot Verified	6/6/03
		LERMS Software Installed	8/22/03
		Initial LERMS Interface Completed	8/22/03
4B	*UCR AND IBR REPOSITORY*		
		UCR and IBR Repository Pilot Verified	4/18/03
		UCR and IBR Repository Operational	5/23/03
		Initial UCR and IBR Repository Interface Completed	5/23/03
4C	*USER INFORMATION SYSTEM(UIS)*		
		UIS Requirements Document	11/8/02
		UIS Pilot Complete	2/28/03
		UIS Complete	5/2/03
4D	*AFIS UPGRADE*		
		AFIS Pilot Verified	5/9/03
		AFIS Systems Installed	7/25/03
		AFIS Interface Completed	7/25/03
5A	*PORTAL DESIGN AND SCOPE*		
		Requirements Document	11/8/02
		Portal Pilot Complete	2/21/03

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
5A	*PORTAL DESIGN AND SCOPE*		
		Portal Complete	4/25/03
		Integration Backbone Specification Complete	5/16/03
5B	*CENTRAL PUBLICATION ENGINE/MASTER INDEX*		
		Search Design Complete	12/13/02
		Pilot Search Engine	3/21/03
		Pilot CJIS Master Index	4/18/03
		Search Engine Implemented	4/25/03
		Initial CJIS Master Index Implemented	5/23/03
		Message Exchange Operational	5/30/03
5C	*UCR AND IBR REPOSITORY INFORMATION*		
		UCR and IBR Publication Requirements Document	10/25/02
		UCR and IBR Publication Pilot Complete	6/20/03
		UCR and IBR Publication Complete	8/8/03
5D	*UCIS DATA WAREHOUSE LINK*		
		UCIS Warehouse Link Requirements Document	12/13/02
		UCIS Warehouse Link Pilot Complete	5/9/03
		UCIS Warehouse Link Complete	6/27/03
6A	*DISPOSITION INTERFACE*		
		Disposition Interface Specification	2/28/03
		Disposition Interface Pilot Complete	6/6/03
		Disposition Interface Complete	6/20/03
6B	*LOCAL LAW ENFORCEMENT TO UCR INTERFACE(S)*		
		Local Law Enforcement to UCR Interface Specification	4/25/03
		Local Law Enforcement to UCR Interface Pilot Complete	6/13/03
		Local Law Enforcement to UCR Interface Complete	6/27/03
7A	*STATUTE AND DISPOSITION MATRIX*		
		Statute and Disposition Matrix Developed	1/17/03
		Statute and Disposition Matrix Pilot Verified	5/16/03

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN

PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
7A	*STATUTE AND DISPOSITION MATRIX*		
		Statute and Disposition Matrix Operational	6/20/03
		Statute and Disposition Matrix Interfaces Completed	6/20/03
7B	*ACCESS AND SECURITY POLICY*		
		Updated Policy Manuals	3/14/03
		Security Policies Defined	3/14/03
8A	*SECURITY SUBSYSTEM ENHANCEMENT*		
		Network Management Integrated With Security	7/1/03
		IDS Complete	11/17/03
8B	*VPN INFRASTRUCTURE PILOT*		
		Pilot VPN Installation Complete	7/1/03
		VPN Pilot System Certified	7/1/03
		Document VPN Requirements	7/1/03
9A	*COMMON JAIL APPLICATION*		
		Local Jail System Pilot Verified	3/22/04
		Local Jail System Software Installed	4/26/04
		Initial Local Jail System Interface Completed	4/26/04
9B	*COMMON STATES ATTORNEY APPLICATION*		
		ACMS Pilot Verified	3/29/04
		ACMS Software Installed	5/3/04
		Initial ACMS Interface Completed	5/3/04
10A	*SEX OFFENDER REGISTRY (SOR)*		
		SOR Requirements Document	9/8/03
		SOR Pilot Complete	11/3/03
		SOR Complete	12/8/03
10B	*JAIL INFORMATION*		
		Jail Publication Requirements Document	9/8/03
		Jail Publication Pilot Complete	5/10/04
		Jail Publication Complete	7/12/04

PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
10C	*PROTECTION ORDER AND WARRANT INFORMATION*		
		Protection Order and Warrant Publication Requirements Document	9/8/03
		Protection Order and Warrant Publication Pilot Complete	11/3/03
		Protection Order and Warrant Publication Complete	12/22/03
10D	*COURT CALENDARS INFORMATION*		
		Court Calendar Publication Requirements Document	12/1/03
		Court Calendar Publication Pilot Complete	2/9/04
		Court Calendar Publication Complete	3/15/04
10E	*VEHICLE REGISTRATION INFORMATION*		
		Vehicle Registration Publication Requirements Document	5/10/04
		Vehicle Registration Publication Pilot Complete	7/5/04
		Vehicle Registration Publication Complete	8/9/04
10F	*CCH PUBLICATION*		
		CCH Publication Requirements Document	2/2/04
		CCH Publication Pilot Complete	3/29/04
		CCH Publication Complete	5/17/04
10G	*COURT ORDER INFORMATION*		
		Court Order Publication Requirements Document	1/12/04
		Court Order Publication Pilot Complete	4/5/04
		Court Order Publication Complete	6/7/04
10H	*UCIS CASE INFORMATION*		
		UCIS Case Information Publication Requirements Document	8/4/03
		UCIS Case Information Publication Pilot Complete	9/29/03
		UCIS Case Information Publication Complete	11/3/03
11A	*STATE'S ATTORNEY CASE INFORMATION*		
		State's Attorney Case Information Interface Specification	10/13/03
		State's Attorney Case Information Interface Pilot Complete	12/1/03
		State's Attorney Case Information Interface Complete	12/15/03
11B	*VICTIM NOTIFICATION*		
		Victim Notification Specification	8/4/03

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
11B	*VICTIM NOTIFICATION*		
		Victim Notification Pilot Complete	9/22/03
		Victim Notification Interface Complete	10/6/03
12A	*COMMON FIELD REPORTING APPLICATION*		
		Field Reporting Pilot Verified	5/11/05
		Field Reporting Software Installed	6/15/05
		Initial Field Reporting Interface Completed	6/15/05
13A	*DOCSTARS INFORMATION*		
		DOCSTARS Publication Requirements Document	8/25/04
		DOCSTARS Publication Pilot Complete	10/20/04
		DOCSTARS Publication Complete	11/24/04
13B	*TAG INFORMATION*		
		TAG Publication Requirements Document	1/19/05
		TAG Publication Pilot Complete	3/16/05
		TAG Publication Complete	4/20/05
13C	*DRIVER ABSTRACT INFORMATION AND PHOTOS*		
		Driver Abstract and Photo Publication Requirements Document	8/25/04
		Driver abstract and Photo Publication Pilot Complete	10/20/04
		Driver Abstract and Photo Publication Complete	12/8/04
13D	*BASIC SUBSCRIPTION CAPABILITY*		
		CJIS Subscription System (Beta)	1/12/05
		CJIS Subscription System	2/16/05
13E	*COMPLEX SEARCH MECHANISM*		
		Complex Search System (Beta)	5/25/05
		Complex Search System	6/29/05
13F	*CASE STATUS CHANGE NOTIFICATION*		
		Case Status Notification Complete	7/1/04
		Case Status Notification Requirements Document	1/26/05
		Case Status Notification Pilot Complete	4/20/05

PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
14A	*LOCAL PROSECUTION TO UCIS*		
		Local Prosecution to UCIS Specification	8/4/04
		Local Prosecution to UCIS Interface Pilot Complete	9/22/04
		Local Prosecution to UCIS Interface Complete	10/6/04
14B	*JAIL/CORRECTIONS TO CCH INTERFACE*		
		Jail and Correction to CCH Specification	8/4/04
		Jail and Correction to CCH Interface Pilot Complete	9/22/04
		Jail and Correction to CCH Interface Complete	10/6/04
14C	*UNIQUE JAIL INTERFACE(S)*		
		Unique Jail Interface Specification	11/10/04
		Unique Jail Interface Pilot Complete	12/29/04
		Unique Jail Interface Complete	1/12/05
14D	*ELECTRONIC WARRANTS (ARREST)*		
		Electronic Warrants Specification	8/4/04
		Electronic Warrants Interface Pilot Complete	9/22/04
		Electronic Warrants Interface Complete	10/6/04
14E	*UNIQUE LAW ENFORCEMENT INTERFACE(S)*		
		Unique Law Enforcement to UCR Specification	11/10/04
		Unique Law Enforcement to UCR Interface Pilot Complete	12/29/04
		Unique Law Enforcement to UCR Interface Complete	1/12/05
14F	*CITATION MOVEMENT*		
		Citation Interface Specification	8/4/04
		Citation Interface Pilot Complete	9/22/04
		Citation Interface Complete	10/6/04
14G	*SEARCH WARRANTS*		
		Search Warrant Interface Specification	11/10/04
		Search Warrant Interface Pilot Complete	12/29/04
		Search Warrant Interface Complete	1/12/05
15A	*DATA CENTER ENHANCEMENT*		
		Production Data Store Cluster Implementation Completed	11/17/05

PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
15A	*DATA CENTER ENHANCEMENT*		
		Monitoring and Management Implementation Complete	12/1/05
		Backup Implementation Complete	1/5/06
		Internal Message Exchange Cluster Implementation Completed	4/13/06
		Master Index Cluster Implementation Completed	4/20/06
		Web Server Farm Implementation Completed	6/29/06
15B	*VPN INFRASTRUCTURE*		
		VPN Installation Complete	9/22/05
		VPN Production System Certified	11/3/05
16A	*NDLETS TO CJIS MIGRATION*		
		WebLETS Pilot Verified	5/4/06
		WebLETS Interface Completed	7/20/06
		WebLETS Software Installed	7/20/06
16B	*CITATION FEE AND RESTITUTION MANAGEMENT*		
		Citation and Fee System Pilot Verified	5/11/06
		Citation and Fee System Software Installed	6/29/06
		Citation and Fee System Interface Completed	6/29/06
16C	*INTELLIGENCE REPOSITORY SYSTEM*		
		Intelligence System Pilot Verified	5/17/07
		Intelligence System Installed	7/19/07
		Intelligence System Interface Completed	7/19/07
17A	*SUBSCRIPTION AND NOTIFICATION CAPABILITY ENHANCEMENT*		
		Enhanced CJIS Subscription System Tested	11/9/06
		Enhanced CJIS Subscription System Implemented	12/14/06
		Web-Based Subscription Software Installation	4/5/07
17B	*ENHANCED SUBSCRIPTION CAPABILITY*		
		Enhanced CJIS Subscription System Tested	12/1/05
		Enhanced CJIS Subscription System Implemented	1/5/06
18A	*UNIQUE LAW ENFORCEMENT INTERFACE(S)*		
		Unique Law Enforcement to UCR Interface Specification	10/27/05

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
18A	*UNIQUE LAW ENFORCEMENT INTERFACE(S)*		
		Unique Law Enforcement to UCR Interface Pilot Complete	12/15/05
		Unique Law Enforcement to UCR Interface Complete	12/29/05
19A	*DECISION SUPPORT TOOL PILOT*		
		DSS Pilot Complete	3/8/07
19B	*DECISION COMPONENTS*		
		Decision Support Components Pilot Complete	1/17/08
		DSS Component Implementation Complete	2/14/08
M1	*OVERALL SUPPORT STRATEGY AND PLAN*		
		Support Plan Complete	10/7/02
M2	*CENTRALIZED HELP DESK/INFORMATION CENTER*		
		Reorganized Help Desk Operational	9/2/02
M3	*CENTRALIZED WEB SUPPORT*		
		Web Support Site Complete	1/13/03
M4	*TRAINING PROGRAM*		
		Phase 1 Training Program Complete	6/30/03
		Phase 2 Training Program Complete	6/28/04
		Phase 3 Training Program Complete	6/29/05
		Phase 4 Training Program Complete	4/12/07
M7	*TECHNICAL ARCHITECTURE UPDATES*		
		Phase 1 Designs Approved	1/24/03
		Phase 2 Designs Approved	11/24/03
		Phase 3 Designs Approved	11/24/04
		Phase 4 Designs Approved	3/2/06
M8	*MANAGE PROJECT BUDGET*		
		Phase 1 Tactical Project Budget	9/27/02
		Phase 2 Tactical Project Budget	7/28/03
		Phase 3 Tactical Project Budget	7/28/04
		Phase 4 Tactical Project Budget	7/28/05

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN

PROJECT DELIVERABLES

Project#	Project Name	Deliverable	Due Date
M9	*PLAN IMPLEMENTATION ASSISTANCE*		
		Phase 2 Plans Updated	7/14/03
		Phase 3 Plans Updated	7/14/04
		Phase 4 Plans Updated	7/28/05
		Future Phase Plans Updated	7/28/06

IX. BUDGET AND FUNDING

IX. BUDGET AND FUNDING

Realization of the CJIS vision will require significant investment, both in a fiscal sense and in terms of investing the internal human resources necessary for success. In order to understand the scope of this investment, budget and resource planning estimates have been developed for each tactical project. *It must be recognized that these are planning estimates only. Therefore, they will vary based on the influences in play at the time, such as prevailing market rates for goods and services, the ability of the state to negotiate financially attractive relationships with vendors and service providers, and the actual investment required to complete projects once a more detailed analysis is undertaken for each project.* It is expected that once projects are formally initiated, more detailed estimates and identification of project tasks suitable for implementation management and monitoring must be developed.

A. ASSUMPTIONS

Budget and staffing estimates for the implementation plan are defined based upon a set of assumptions that establishes parameters for the estimation process. The following CJIS Implementation Plan budget assumptions and known constraints were applied:

1. Personnel

- Budgets include only incremental costs for additional permanent or temporary government staff. Salary and benefits costs for existing staff working on projects have not been included, which represent only the CJIS project director and part of the cost for the technical architect.
- Incremental permanent staff costs include benefits and other payroll expenses (estimated at an additional 28 percent).
- Government personnel hour estimates do not include time that users are in training.
- Technical personnel hour estimates should be considered incremental to sustaining normal technology operations.
- A CJIS project director will be named no later than July 2002.
- A CJIS technical architect will be named no later than August 2002.
- The state will contract for Web development staff at a rate of $100 per hour.

- Management consulting services are estimated at a blended rate of $225 per hour (i.e., including consultant materials and other expenses).
- Technical consulting services are estimated at a blended rate of $125 per hour (i.e., including consultant materials and other expenses).

2. Enterprise Applications and Technology Infrastructure

- Departmental LAN, LAN server, and end-user device costs are outside the scope of the plan.
- Budget estimates for data environments assume Oracle database products.
- A high-performance shared data center, network hub, and server farm will be established for CJIS in ITD. This will facilitate information exchange across high-speed CJIS data (1Gbps) connections.
- Capital project estimates represent total contract amounts for the systems acquisition based on comparable projects of similar size. The actual cost may vary depending on actual CJIS requirements.

3. Other

- All costs are presented in today's dollars. Present value calculations or inflation factors for future investments have not been applied.
- Plan budget estimates begin in May 2002. Prior expenditures in fiscal year (FY) 0102 or May 2002 in FY 0203 are not included.
- Plan estimates are incremental to current sustaining technology and operations costs.
- Technology cost-avoidance or -offset estimates due to implementation of the plan are not included.
- Software and hardware maintenance costs, where applicable, are estimated at 17.5 percent of the license or purchase price per year, starting in the next fiscal year after installation or, in the case of most equipment, after a 3-year warranty period.

The preceding assumptions were used to develop the budget estimates provided below.

B. DETAILED BUDGET ESTIMATES

This subsection outlines the estimated budget requirements for expenditure categories, initiatives, implementation phases, and each tactical project in the CJIS plan. Project expenditures are generally broken into two categories for summary presentation. They are:

- *Capital (Onetime) Costs* – These expenditures are for goods or services that can be directly associated with a project and do not extend beyond project implementation (i.e., are onetime costs). This includes equipment, network components, software, and contracted services (e.g., consultants, developers).
- *Operational Costs* – This includes costs that are ongoing/recurring in nature, such as software or hardware annual maintenance costs or monthly line charges. The category also includes salary and benefit costs for *incremental* permanent or limited-duration staff required to implement the CJIS (e.g., the Web developers, senior systems analyst).

The cost estimates outlined in the implementation are rounded to the nearest thousand dollars for planning purposes. In order to avoid confusion, all costs are provided in terms of the fiscal year, with fiscal years labeled with the starting and ending year (e.g., FY 0203 runs from July 1, 2002, to June 30, 2003). The following subsections provide various views of the project expenditures organized by category, project, agency, and organization.

1. Summary Costs by Cost Category

EXHIBIT IX-1, which follows this page, provides the estimated investment by category of expenditure for CJIS plan implementation in terms of capital/onetime and operating costs for all projects. The cost categories provide a breakdown of the projects in terms of the type of expenditures such as computer equipment, permanent staff, software, and training. The summary provides the year-by-year cost of the summary information presented in the table below.

Code	Category	Capital Cost	Operating Cost	Total Cost
COML	Communications Equipment	$78,000	$58,000	$136,000
CONV	Conversion Services	$15,000	$0	$15,000
LSW	Computer Software	$4,513,000	$2,031,000	$6,544,000
MISC	Supplies, Printing, and Mailing	$25,000	$11,000	$36,000
MQ	Management and QA Services	$315,000	$0	$315,000
PERM	Permanent Employees	$0	$3,210,900	$685,000
SVR	Computer Servers	$903,000	$501,000	$1,404,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY COSTS BY COST CATEGORY

EXHIBIT IX-1

CODE	NAME	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
COML	Communications Equipment							
	Total Capital (Onetime) Costs	$57,000	$0	$0	$21,000	$0	$0	$78,000
	Total Operating Costs	$0	$10,000	$10,000	$10,000	$14,000	$14,000	$58,000
	Category Total Capital and Operating Costs	$57,000	$10,000	$10,000	$31,000	$14,000	$14,000	$136,000
CONV	Conversion Services							
	Total Capital (Onetime) Costs	$0	$3,000	$3,000	$3,000	$3,000	$3,000	$15,000
	Total Operating Costs	$0	$0	$0	$0	$0	$0	$0
	Category Total Capital and Operating Costs	$0	$3,000	$3,000	$3,000	$3,000	$3,000	$15,000
LSW	Computer Software							
	Total Capital (Onetime) Costs	$848,000	$957,000	$853,000	$808,000	$688,000	$359,000	$4,513,000
	Total Operating Costs	$0	$124,000	$292,000	$410,000	$551,000	$654,000	$2,031,000
	Category Total Capital and Operating Costs	$848,000	$1,081,000	$1,145,000	$1,218,000	$1,239,000	$1,013,000	$6,544,000
MISC	Supplies, Printing and Mailing							
	Total Capital (Onetime) Costs	$25,000	$0	$0	$0	$0	$0	$25,000
	Total Operating Costs	$5,000	$2,000	$1,000	$1,000	$1,000	$1,000	$11,000
	Category Total Capital and Operating Costs	$30,000	$2,000	$1,000	$1,000	$1,000	$1,000	$36,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY COSTS BY COST CATEGORY

EXHIBIT IX-1

CODE	NAME	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
MQ	Management & QA Services							
	Total Capital (Onetime) Costs	$115,000	$100,000	$50,000	$50,000	$0	$0	$315,000
	Total Operating Costs	$0	$0	$0	$0	$0	$0	$0
	Category Total Capital and Operating Costs	$115,000	$100,000	$50,000	$50,000	$0	$0	$315,000
PERM	Permanent Employees							
	Total Capital (Onetime) Costs	$0	$0	$0	$0	$0	$0	$0
	Total Operating Costs	$143,500	$223,000	$476,200	$789,400	$789,400	$789,400	$3,210,900
	Category Total Capital and Operating Costs	$143,500	$223,000	$476,200	$789,400	$789,400	$789,400	$3,210,900
SVR	Computer Servers							
	Total Capital (Onetime) Costs	$367,000	$0	$93,000	$443,000	$0	$0	$903,000
	Total Operating Costs	$0	$60,000	$60,000	$75,000	$153,000	$153,000	$501,000
	Category Total Capital and Operating Costs	$367,000	$60,000	$153,000	$518,000	$153,000	$153,000	$1,404,000
TNG	Training							
	Total Capital (Onetime) Costs	$0	$0	$0	$0	$0	$0	$0
	Total Operating Costs	$40,000	$40,000	$40,000	$28,000	$28,000	$15,000	$191,000
	Category Total Capital and Operating Costs	$40,000	$40,000	$40,000	$28,000	$28,000	$15,000	$191,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY COSTS BY COST CATEGORY

CODE	NAME	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
TS	Technical Support and Services							
	Total Capital (Onetime) Costs	$841,000	$692,000	$652,000	$319,000	$333,000	$98,000	$2,935,000
	Total Operating Costs	$0	$0	$0	$0	$0	$0	$0
	Category Total Capital and Operating Costs	$841,000	$692,000	$652,000	$319,000	$333,000	$98,000	$2,935,000

Code	Category	Capital Cost	Operating Cost	Total Cost
TNG	Training	$0	$191,000	$191,000
TS	Technical Support and Services	$2,935,000	$0	$2,935,000

2. Summary Budget by Project

EXHIBIT IX-2, which follows this page, provides a fiscal year summary of capital/onetime and operating costs by project for all projects that have "out-of-pocket" onetime or operating costs. The project-based summary view of the capital project costs is reflected in the project detail information provided in APPENDIX C. EXHIBIT IX-2 provides both the capital and operating costs by fiscal year.

3. Summary Costs by Agency

EXHIBIT IX-3, which follows EXHIBIT IX-2, provides summary capital/onetime and operating costs by responsible organization for all projects that have out-of-pocket onetime or operating costs. This view of the project expenditures represents costs in terms of the responsible organization; however, the information does not necessarily mean that the costs have been allocated to the organization or that the project will be funded by the organization. The summary provides the organization costs of the summary information presented in the table below.

Code	Organization	Capital Cost	Operating Cost	Total Cost
BCI	Office of the Attorney General, Bureau of Criminal Investigation	$1,126,000	$434,000	$1,560,000
CJIS	North Dakota CJIS Project	$3,772,000	$1,630,000	$5,402,000
ITD	Information Technology Department	$82,000	$2,616,900	$2,698,000
LEA	Local Law Enforcement Agencies	$2,643,000	$1,050,000	$3,693,000
NDJB	North Dakota Judicial Branch	$352,000	$0	$352,000
SA	State's Attorney	$543,000	$228,000	$771,000
SR	Office of Management and Budget (State Radio)	$266,000	$44,000	$310,000

4. Capital Budget by Organization and Project

EXHIBIT IX-4, which follows EXHIBIT IX-3, provides detailed capital/onetime by responsible organization for all projects that have out-of-pocket onetime costs. Again, this view of the project

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CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
1A	GOVERNANCE FINALIZATION	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
1B	MANAGEMENT REPORTING MECHANISMS	CAPITAL	$15,000	$3,000	$3,000	$3,000	$3,000	$3,000	$30,000
		OPNS	$2,000	$2,000	$1,000	$1,000	$1,000	$1,000	$8,000
1C	TACTICAL BUDGET IMPLEMENTATION	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
1D	PROJECT DIRECTOR	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$100,000	$165,000	$105,000	$105,000	$105,000	$105,000	$685,000
2A	PROJECT MANAGEMENT CONTROLS	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
2B	PROJECT RESOURCE ACQUISITION	CAPITAL	$38,000	$50,000	$50,000	$25,000	$25,000	$25,000	$213,000
		OPNS	$3,000	$0	$0	$0	$0	$0	$3,000
2C	CONFIGURATION MANAGEMENT SYSTEM	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
3A	SECURITY AUDIT AND DETAILED DESIGN	CAPITAL	$45,000	$0	$0	$0	$0	$0	$45,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
3B	CJIS DATA CENTER	CAPITAL	$430,000	$0	$0	$0	$0	$0	$430,000
		OPNS	$0	$64,000	$64,000	$64,000	$64,000	$64,000	$320,000
3C	SECURITY IMPLEMENTATION	CAPITAL	$29,000	$0	$0	$0	$0	$0	$29,000
		OPNS	$0	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
3D	AUDIT AND LOGGING SUBSYSTEM	CAPITAL	$62,000	$0	$0	$0	$0	$0	$62,000
		OPNS	$0	$4,000	$4,000	$4,000	$4,000	$4,000	$20,000
3E	LAW ENFORCEMENT INFRASTRUCTURE	CAPITAL	$187,000	$0	$178,000	$0	$0	$0	$365,000
		OPNS	$0	$25,000	$25,000	$50,000	$50,000	$50,000	$200,000
4A	COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)	CAPITAL	$186,000	$205,000	$276,000	$0	$0	$0	$667,000
		OPNS	$0	$26,000	$57,000	$101,000	$101,000	$101,000	$386,000
4B	UCR AND IBR REPOSITORY	CAPITAL	$186,000	$0	$0	$0	$0	$0	$186,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
4C	USER INFORMATION SYSTEM(UIS)	CAPITAL	$162,000	$0	$0	$0	$0	$0	$162,000
		OPNS	$0	$18,000	$18,000	$18,000	$18,000	$18,000	$90,000
4D	AFIS UPGRADE	CAPITAL	$250,000	$250,000	$0	$0	$0	$0	$500,000
		OPNS	$0	$44,000	$88,000	$88,000	$88,000	$88,000	$396,000
5A	PORTAL DESIGN AND SCOPE	CAPITAL	$83,000	$0	$0	$0	$0	$0	$83,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
5B	CENTRAL PUBLICATION ENGINE/MASTER INDEX	CAPITAL	$123,000	$0	$0	$0	$0	$0	$123,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
5C	UCR AND IBR REPOSITORY INFORMATION	CAPITAL	$40,000	$0	$0	$0	$0	$0	$40,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
5D	UCIS DATA WAREHOUSE LINK	CAPITAL	$39,000	$0	$0	$0	$0	$0	$39,000
		OPNS	$0	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
6A	DISPOSITION INTERFACE	CAPITAL	$31,000	$0	$0	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
6B	LOCAL LAW ENFORCEMENT TO UCR INTERFACE(S)	CAPITAL	$31,000	$0	$0	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
7A	STATUTE AND DISPOSITION MATRIX	CAPITAL	$46,000	$0	$0	$0	$0	$0	$46,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
7B	ACCESS AND SECURITY POLICY	CAPITAL	$84,000	$0	$0	$0	$0	$0	$84,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
8A	SECURITY SUBSYSTEM ENHANCEMENT	CAPITAL	$0	$90,000	$18,000	$18,000	$18,000	$9,000	$153,000
		OPNS	$0	$0	$10,000	$13,000	$16,000	$19,000	$58,000
8B	VPN INFRASTRUCTURE PILOT	CAPITAL	$0	$62,000	$0	$0	$0	$0	$62,000
		OPNS	$0	$0	$4,000	$4,000	$4,000	$4,000	$16,000
9A	COMMON JAIL APPLICATION	CAPITAL	$0	$266,000	$150,000	$0	$0	$0	$416,000
		OPNS	$0	$0	$35,000	$61,000	$61,000	$61,000	$218,000
9B	COMMON STATES ATTORNEY APPLICATION	CAPITAL	$0	$319,000	$0	$0	$0	$0	$319,000
		OPNS	$0	$0	$44,000	$44,000	$44,000	$44,000	$176,000
10A	SEX OFFENDER REGISTRY (SOR)	CAPITAL	$0	$38,000	$0	$0	$0	$0	$38,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
10B	JAIL INFORMATION	CAPITAL	$0	$55,000	$0	$0	$0	$0	$55,000
		OPNS	$0	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
10C	PROTECTION ORDER AND WARRANT INFORMATION	CAPITAL	$0	$39,000	$0	$0	$0	$0	$39,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
10D	COURT CALENDARS INFORMATION	CAPITAL	$0	$49,000	$0	$0	$0	$0	$49,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
10E	VEHICLE REGISTRATION INFORMATION	CAPITAL	$0	$37,000	$0	$0	$0	$0	$37,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
10F	CCH PUBLICATION	CAPITAL	$0	$37,000	$0	$0	$0	$0	$37,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
10G	COURT ORDER INFORMATION	CAPITAL	$0	$55,000	$0	$0	$0	$0	$55,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
10H	UCIS CASE INFORMATION	CAPITAL	$0	$31,000	$0	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
11A	STATE'S ATTORNEY CASE INFORMATION	CAPITAL	$0	$31,000	$0	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
11B	VICTIM NOTIFICATION	CAPITAL	$0	$31,000	$0	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
12A	COMMON FIELD REPORTING APPLICATION	CAPITAL	$0	$0	$221,000	$331,000	$210,000	$0	$762,000
		OPNS	$0	$0	$0	$35,000	$88,000	$123,000	$246,000
13A	DOCSTARS INFORMATION	CAPITAL	$0	$0	$37,000	$0	$0	$0	$37,000
		OPNS	$0	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
13B	TAG INFORMATION	CAPITAL	$0	$0	$37,000	$0	$0	$0	$37,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
13C	DRIVER ABSTRACT INFORMATION AND PHOTOS	CAPITAL	$0	$0	$38,000	$0	$0	$0	$38,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
13D	BASIC SUBSCRIPTION CAPABILITY	CAPITAL	$0	$0	$69,000	$0	$0	$0	$69,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
13E	COMPLEX SEARCH MECHANISM	CAPITAL	$0	$0	$69,000	$0	$0	$0	$69,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
13F	CASE STATUS CHANGE NOTIFICATION	CAPITAL	$0	$0	$55,000	$0	$0	$0	$55,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
14A	LOCAL PROSECUTION TO UCIS	CAPITAL	$0	$0	$31,000	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
14B	JAIL/CORRECTIONS TO CCH INTERFACE	CAPITAL	$0	$0	$31,000	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
14C	UNIQUE JAIL INTERFACE(S)	CAPITAL	$0	$0	$31,000	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
14D	ELECTRONIC WARRANTS (ARREST)	CAPITAL	$0	$0	$31,000	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
14E	UNIQUE LAW ENFORCEMENT INTERFACE(S)	CAPITAL	$0	$0	$211,000	$0	$0	$0	$211,000
		OPNS	$0	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
14F	CITATION MOVEMENT	CAPITAL	$0	$0	$31,000	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
14G	SEARCH WARRANTS	CAPITAL	$0	$0	$31,000	$0	$0	$0	$31,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
15A	DATA CENTER ENHANCEMENT	CAPITAL	$0	$0	$0	$759,000	$0	$0	$759,000
		OPNS	$0	$0	$0	$0	$120,000	$120,000	$240,000
15B	VPN INFRASTRUCTURE	CAPITAL	$0	$0	$0	$73,000	$0	$0	$73,000
		OPNS	$0	$0	$0	$0	$8,000	$8,000	$16,000
16A	NDLETS TO CJIS MIGRATION	CAPITAL	$0	$0	$0	$105,000	$161,000	$0	$266,000
		OPNS	$0	$0	$0	$0	$13,000	$31,000	$44,000
16B	CITATION FEE AND RESTITUTION MANAGEMENT	CAPITAL	$0	$0	$0	$224,000	$0	$0	$224,000
		OPNS	$0	$0	$0	$0	$26,000	$26,000	$52,000
16C	INTELLIGENCE REPOSITORY SYSTEM	CAPITAL	$0	$0	$0	$0	$294,000	$0	$294,000
		OPNS	$0	$0	$0	$0	$0	$38,000	$38,000
17A	SUBSCRIPTION AND NOTIFICATION CAPABILITY ENHANCEMENT	CAPITAL	$0	$0	$0	$53,000	$0	$0	$53,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
17B	ENHANCED SUBSCRIPTION CAPABILITY	CAPITAL	$0	$0	$0	$0	$81,000	$0	$81,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
18A	UNIQUE LAW ENFORCEMENT INTERFACE(S)	CAPITAL	$0	$0	$0	$0	$136,000	$0	$136,000
		OPNS	$0	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
19A	DECISION SUPPORT TOOL PILOT	CAPITAL	$0	$0	$0	$0	$93,000	$0	$93,000
		OPNS	$0	$0	$0	$0	$0	$9,000	$9,000
19B	DECISION COMPONENTS	CAPITAL	$0	$0	$0	$0	$0	$420,000	$420,000
		OPNS	$0	$0	$0	$0	$0	$0	$0
M1	OVERALL SUPPORT STRATEGY AND PLAN	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
M2	CENTRALIZED HELP DESK/INFORMATION CENTER	CAPITAL	$36,000	$0	$0	$0	$0	$0	$36,000
		OPNS	$43,500	$63,000	$376,200	$689,400	$689,400	$689,400	$2,550,900
M3	CENTRALIZED WEB SUPPORT	CAPITAL	$46,000	$0	$0	$0	$0	$0	$46,000
		OPNS	$0	$3,000	$3,000	$3,000	$3,000	$3,000	$15,000
M4	TRAINING PROGRAM	CAPITAL	$4,000	$4,000	$3,000	$3,000	$3,000	$3,000	$20,000
		OPNS	$40,000	$40,000	$40,000	$28,000	$28,000	$15,000	$191,000
M5	DATA STANDARD UPDATE PROJECTS	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
M6	SECURITY POLICY UPDATE PROJECTS	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
M7	TECHNICAL ARCHITECTURE UPDATES	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0
M8	MANAGE PROJECT BUDGET	CAPITAL	$0	$0	$0	$0	$0	$0	$0
		OPNS	$0	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY BUDGET BY PROJECT

PID	PROJECT		FY0203	FY0304	FY 0405	FY 0506	FY 0607	FY 0708	TOTAL
M9	PLAN IMPLEMENTATION ASSISTANCE	CAPITAL	$100,000	$100,000	$50,000	$50,000	$0	$0	$300,000
		OPNS	$0	$0	$0	$0	$0	$0	$0

TOTAL PROJECT COST SUMMARY TABLE

	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	
CAPITAL	$2,253,000	$1,752,000	$1,651,000	$1,644,000	$1,024,000	$460,000	$8,784,000
OPNS	$188,500	$459,000	$1,313,400	$1,313,400	$1,536,400	$1,626,400	$6,002,900

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY COSTS BY AGENCY

EXHIBIT IX-3

CODE	NAME	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
BCI	Office of Attorney General, Bureau of Criminal Investigation							
	Total Capital (Onetime) Costs	$507,000	$325,000	$0	$0	$294,000	$0	$1,126,000
	Total Operating Costs	$0	$44,000	$88,000	$88,000	$88,000	$126,000	$434,000
	Agency Total Capital and Operating Costs	$507,000	$369,000	$88,000	$88,000	$382,000	$126,000	$1,560,000
CJIS	North Dakota CJIS Project							
	Total Capital (Onetime) Costs	$1,175,000	$408,000	$522,000	$984,000	$223,000	$460,000	$3,772,000
	Total Operating Costs	$135,000	$288,000	$241,000	$234,000	$365,000	$367,000	$1,630,000
	Agency Total Capital and Operating Costs	$1,310,000	$696,000	$763,000	$1,218,000	$588,000	$827,000	$5,402,000
ITD	Information Technology Department							
	Total Capital (Onetime) Costs	$82,000	$0	$0	$0	$0	$0	$82,000
	Total Operating Costs	$53,500	$76,000	$389,200	$700,400	$700,400	$697,400	$2,616,900
	Agency Total Capital and Operating Costs	$135,500	$76,000	$389,200	$700,400	$700,400	$697,400	$2,698,900
LEA	Local Law Enforcement Agencies							
	Total Capital (Onetime) Costs	$373,000	$526,000	$1,067,000	$331,000	$346,000	$0	$2,643,000
	Total Operating Costs	$0	$51,000	$117,000	$247,000	$300,000	$335,000	$1,050,000
	Agency Total Capital and Operating Costs	$373,000	$577,000	$1,184,000	$578,000	$646,000	$335,000	$3,693,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
SUMMARY COSTS BY AGENCY

CODE	NAME	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
NDJB	North Dakota Judicial Branch							
	Total Capital (Onetime) Costs	$116,000	$174,000	$62,000	$0	$0	$0	$352,000
	Total Operating Costs	$0	$0	$0	$0	$0	$0	$0
	Agency Total Capital and Operating Costs	$116,000	$174,000	$62,000	$0	$0	$0	$352,000
SA	State's Attorneys							
	Total Capital (Onetime) Costs	$0	$319,000	$0	$224,000	$0	$0	$543,000
	Total Operating Costs	$0	$0	$44,000	$44,000	$70,000	$70,000	$228,000
	Agency Total Capital and Operating Costs	$0	$319,000	$44,000	$268,000	$70,000	$70,000	$771,000
SR	Office of Management and Budget (State Radio)							
	Total Capital (Onetime) Costs	$0	$0	$0	$105,000	$161,000	$0	$266,000
	Total Operating Costs	$0	$0	$0	$0	$13,000	$31,000	$44,000
	Agency Total Capital and Operating Costs	$0	$0	$0	$105,000	$174,000	$31,000	$310,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

EXHIBIT IX-4

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
Office of Attorney General, Bureau of Criminal Investigation								
4B	**UCR AND IBR REPOSITORY**							
BCI	UCR and IBR Repository Software	$125,000	$0	$0	$0	$0	$0	$125,000
BCI	Development Services (614 hours of programming support)	$61,000	$0	$0	$0	$0	$0	$61,000
4D	**AFIS UPGRADE**							
BCI	AFIS System Replacement Cost	$250,000	$250,000	$0	$0	$0	$0	$500,000
5C	**UCR AND IBR REPOSITORY INFORMATION**							
BCI	Development Services (402 hours of programming support)	$40,000	$0	$0	$0	$0	$0	$40,000
6B	**LOCAL LAW ENFORCEMENT TO UCR INTERFACE(S)**							
BCI	Development Services (308 hours of programming support)	$31,000	$0	$0	$0	$0	$0	$31,000
10A	**SEX OFFENDER REGISTRY (SOR)**							
BCI	Development Services (378 hours of programming support)	$0	$38,000	$0	$0	$0	$0	$38,000
10F	**CCH PUBLICATION**							
BCI	Development Services (366 hours of programming support)	$0	$37,000	$0	$0	$0	$0	$37,000
16C	**INTELLIGENCE REPOSITORY SYSTEM**							
BCI	Intelligence Repository	$0	$0	$0	$0	$215,000	$0	$215,000
BCI	Development Services (788 hours of programming support)	$0	$0	$0	$0	$79,000	$0	$79,000
Office of Attorney General, Bureau of Criminal Investigation		$507,000	$325,000	$0	$0	$294,000	$0	$1,126,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota CJIS Project								
1A	**GOVERNANCE FINALIZATION**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
1B	**MANAGEMENT REPORTING MECHANISMS**							
CJIS	Publication and Communication Costs	$0	$0	$0	$0	$0	$0	$0
CJIS	Contract Staff to Measure Bench Marks	$0	$3,000	$3,000	$3,000	$3,000	$3,000	$15,000
CJIS	Expert Services to Establish Bench Marks	$15,000	$0	$0	$0	$0	$0	$15,000
1C	**TACTICAL BUDGET IMPLEMENTATION**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
1D	**PROJECT DIRECTOR**							
CJIS	Project Director	$0	$0	$0	$0	$0	$0	$0
CJIS	Technical Architect	$0	$0	$0	$0	$0	$0	$0
2A	**PROJECT MANAGEMENT CONTROLS**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
2B	**PROJECT RESOURCE ACQUISITION**							
CJIS	Web Development Support (500 hours/year average)	$38,000	$50,000	$50,000	$0	$0	$0	$138,000
CJIS	Web Development Support (250 hours/year average)	$0	$0	$0	$25,000	$25,000	$25,000	$75,000
CJIS	Acquisition and Advertising Costs	$0	$0	$0	$0	$0	$0	$0
2C	**CONFIGURATION MANAGEMENT SYSTEM**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
3A	**SECURITY AUDIT AND DETAILED DESIGN**							
CJIS	Security Expert Consultants	$45,000	$0	$0	$0	$0	$0	$45,000
3B	**CJIS DATA CENTER**							
CJIS	Single High Density Server (Production Index Server)	$30,000	$0	$0	$0	$0	$0	$30,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

EXHIBIT IX-4

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota CJIS Project								
3B	**CJIS DATA CENTER**							
CJIS	Miscellaneous Costs	$25,000	$0	$0	$0	$0	$0	$25,000
CJIS	Database Storage (Development Database)	$15,000	$0	$0	$0	$0	$0	$15,000
CJIS	Development Database Server (No Service Support Costs)	$35,000	$0	$0	$0	$0	$0	$35,000
CJIS	Development Web Server (No Service Support Costs)	$20,000	$0	$0	$0	$0	$0	$20,000
CJIS	Enhanced Memory Systems (Database Server)	$15,000	$0	$0	$0	$0	$0	$15,000
CJIS	Enhanced Memory Systems (Index Server)	$8,000	$0	$0	$0	$0	$0	$8,000
CJIS	Server Storage (Production Index Server)	$15,000	$0	$0	$0	$0	$0	$15,000
CJIS	Single High Density Server (Production Database)	$30,000	$0	$0	$0	$0	$0	$30,000
CJIS	Development Database License	$10,000	$0	$0	$0	$0	$0	$10,000
CJIS	Single Web Server (Production Web Server)	$15,000	$0	$0	$0	$0	$0	$15,000
CJIS	Single Web Server (Production Web Server)	$15,000	$0	$0	$0	$0	$0	$15,000
CJIS	Single High Density Server (Production Application Server)	$30,000	$0	$0	$0	$0	$0	$30,000
CJIS	Database Software (Production Database)	$45,000	$0	$0	$0	$0	$0	$45,000
CJIS	Gigabit Ethernet Switch	$36,000	$0	$0	$0	$0	$0	$36,000
CJIS	10/100 Ethernet Switch	$21,000	$0	$0	$0	$0	$0	$21,000
CJIS	Database Software	$25,000	$0	$0	$0	$0	$0	$25,000
CJIS	Database Storage	$40,000	$0	$0	$0	$0	$0	$40,000
3C	**SECURITY IMPLEMENTATION**							
CJIS	Certificate Server	$6,000	$0	$0	$0	$0	$0	$6,000
CJIS	Digital Certificate Fee per System	$9,000	$0	$0	$0	$0	$0	$9,000
CJIS	Certificate Software	$12,000	$0	$0	$0	$0	$0	$12,000
CJIS	Certificate Server Operating System	$2,000	$0	$0	$0	$0	$0	$2,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota CJIS Project								
3D	**AUDIT AND LOGGING SUBSYSTEM**							
CJIS	Development Services (420 hours of programming support)	$42,000	$0	$0	$0	$0	$0	$42,000
CJIS	Auditing Software Components	$20,000	$0	$0	$0	$0	$0	$20,000
4C	**USER INFORMATION SYSTEM(UIS)**							
CJIS	Development Services (622 hours of programming support)	$62,000	$0	$0	$0	$0	$0	$62,000
CJIS	User Information System Application Software	$100,000	$0	$0	$0	$0	$0	$100,000
5A	**PORTAL DESIGN AND SCOPE**							
CJIS	Development Services (830 hours of programming support)	$83,000	$0	$0	$0	$0	$0	$83,000
5B	**CENTRAL PUBLICATION ENGINE/MASTER INDEX**							
CJIS	Development Services (1230 hours of programming support)	$123,000	$0	$0	$0	$0	$0	$123,000
7B	**ACCESS AND SECURITY POLICY**							
CJIS	Development Services (840 hours of programming support)	$84,000	$0	$0	$0	$0	$0	$84,000
8A	**SECURITY SUBSYSTEM ENHANCEMENT**							
CJIS	Development Services (328 hours of programming support)	$0	$33,000	$0	$0	$0	$0	$33,000
CJIS	IDS Probe	$0	$12,000	$0	$0	$0	$0	$12,000
CJIS	Digital Certificate Fee per User	$0	$45,000	$18,000	$18,000	$18,000	$9,000	$108,000
8B	**VPN INFRASTRUCTURE PILOT**							
CJIS	Development Services (372 hours of programming support)	$0	$37,000	$0	$0	$0	$0	$37,000
CJIS	VPN Software	$0	$25,000	$0	$0	$0	$0	$25,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota CJIS Project								
10E	**VEHICLE REGISTRATION INFORMATION**							
CJIS	Development Services (366 hours of programming support)	$0	$37,000	$0	$0	$0	$0	$37,000
11A	**STATE'S ATTORNEY CASE INFORMATION**							
CJIS	Development Services (314 hours of programming support)	$0	$31,000	$0	$0	$0	$0	$31,000
11B	**VICTIM NOTIFICATION**							
CJIS	Development Services (314 hours of programming support)	$0	$31,000	$0	$0	$0	$0	$31,000
13A	**DOCSTARS INFORMATION**							
CJIS	Development Services (366 hours of programming support)	$0	$0	$37,000	$0	$0	$0	$37,000
13B	**TAG INFORMATION**							
CJIS	Development Services (366 hours of programming support)	$0	$0	$37,000	$0	$0	$0	$37,000
13C	**DRIVER ABSTRACT INFORMATION AND PHOTOS**							
CJIS	Development Services (382 hours of programming support)	$0	$0	$38,000	$0	$0	$0	$38,000
13D	**BASIC SUBSCRIPTION CAPABILITY**							
CJIS	Development Services (692 hours of programming support)	$0	$0	$69,000	$0	$0	$0	$69,000
13E	**COMPLEX SEARCH MECHANISM**							
CJIS	Development Services (692 hours of programming support)	$0	$0	$69,000	$0	$0	$0	$69,000
13F	**CASE STATUS CHANGE NOTIFICATION**							
CJIS	Development Services (554 hours of programming support)	$0	$0	$55,000	$0	$0	$0	$55,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota CJIS Project								
14B	**JAIL/CORRECTIONS TO CCH INTERFACE**							
CJIS	Development Services (314 hours of programming support)	$0	$0	$31,000	$0	$0	$0	$31,000
14D	**ELECTRONIC WARRANTS (ARREST)**							
CJIS	Development Services (314 hours of programming support)	$0	$0	$31,000	$0	$0	$0	$31,000
14G	**SEARCH WARRANTS**							
CJIS	Development Services (314 hours of programming support)	$0	$0	$31,000	$0	$0	$0	$31,000
15A	**DATA CENTER ENHANCEMENT**							
CJIS	Backup Software Systems	$0	$0	$0	$60,000	$0	$0	$60,000
CJIS	Cluster Software	$0	$0	$0	$25,000	$0	$0	$25,000
CJIS	Cluster Software	$0	$0	$0	$25,000	$0	$0	$25,000
CJIS	Database Software	$0	$0	$0	$25,000	$0	$0	$25,000
CJIS	Database Software	$0	$0	$0	$45,000	$0	$0	$45,000
CJIS	Web Farm Software	$0	$0	$0	$25,000	$0	$0	$25,000
CJIS	Database Storage	$0	$0	$0	$85,000	$0	$0	$85,000
CJIS	Database Storage	$0	$0	$0	$15,000	$0	$0	$15,000
CJIS	Enhanced Memory Systems (Database Server)	$0	$0	$0	$25,000	$0	$0	$25,000
CJIS	Server Storage (Test Server)	$0	$0	$0	$15,000	$0	$0	$15,000
CJIS	Server Storage (Production Index Server)	$0	$0	$0	$20,000	$0	$0	$20,000
CJIS	Single Web Server (Production Web Server)	$0	$0	$0	$15,000	$0	$0	$15,000
CJIS	10/100 Ethernet Switch	$0	$0	$0	$21,000	$0	$0	$21,000
CJIS	Test Server Operating Systems	$0	$0	$0	$15,000	$0	$0	$15,000
CJIS	Single High Density Server (Production Application Server)	$0	$0	$0	$30,000	$0	$0	$30,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota CJIS Project								
15A	**DATA CENTER ENHANCEMENT**							
CJIS	Single High Density Server (Production Database)	$0	$0	$0	$30,000	$0	$0	$30,000
CJIS	Single High Density Server (Production Index Server)	$0	$0	$0	$30,000	$0	$0	$30,000
CJIS	Single High Density Server (Test Database)	$0	$0	$0	$30,000	$0	$0	$30,000
CJIS	Single High Density Server (Test Server)	$0	$0	$0	$30,000	$0	$0	$30,000
CJIS	Development Services (750 hours of programming support)	$0	$0	$0	$75,000	$0	$0	$75,000
CJIS	Single Web Server (Test Web Server)	$0	$0	$0	$15,000	$0	$0	$15,000
CJIS	Single Web Server (Production Web Server)	$0	$0	$0	$15,000	$0	$0	$15,000
CJIS	Enhanced Memory Systems (Index Server)	$0	$0	$0	$13,000	$0	$0	$13,000
CJIS	Backup Media Server	$0	$0	$0	$75,000	$0	$0	$75,000
15B	**VPN INFRASTRUCTURE**							
CJIS	VPN Software	$0	$0	$0	$45,000	$0	$0	$45,000
CJIS	Development Services (282 hours of programming support)	$0	$0	$0	$28,000	$0	$0	$28,000
17A	**SUBSCRIPTION AND NOTIFICATION CAPABILITY ENHANCEMENT**							
CJIS	Development Services (532 hours of programming support)	$0	$0	$0	$53,000	$0	$0	$53,000
17B	**ENHANCED SUBSCRIPTION CAPABILITY**							
CJIS	Development Services (806 hours of programming support)	$0	$0	$0	$0	$81,000	$0	$81,000
19A	**DECISION SUPPORT TOOL PILOT**							
CJIS	DSS System Software	$0	$0	$0	$0	$50,000	$0	$50,000
CJIS	Development Services (432 hours of programming support)	$0	$0	$0	$0	$43,000	$0	$43,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota CJIS Project								
19B	**DECISION COMPONENTS**							
CJIS	Development Services (702 hours of programming support)	$0	$0	$0	$0	$0	$70,000	$70,000
CJIS	DSS System Software	$0	$0	$0	$0	$0	$350,000	$350,000
M1	**OVERALL SUPPORT STRATEGY AND PLAN**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
M4	**TRAINING PROGRAM**							
CJIS	Training Program Costs (Estimated External Training Costs)	$0	$0	$0	$0	$0	$0	$0
CJIS	Development Services (224 hours of programming support)	$4,000	$4,000	$3,000	$3,000	$3,000	$3,000	$20,000
M5	**DATA STANDARD UPDATE PROJECTS**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
M6	**SECURITY POLICY UPDATE PROJECTS**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
M7	**TECHNICAL ARCHITECTURE UPDATES**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
M8	**MANAGE PROJECT BUDGET**							
CJIS	No Incremental Cost for this Project	$0	$0	$0	$0	$0	$0	$0
M9	**PLAN IMPLEMENTATION ASSISTANCE**							
CJIS	Implementation Expert - Management Consulting	$100,000	$100,000	$50,000	$50,000	$0	$0	$300,000
North Dakota CJIS Project		$1,175,000	$408,000	$522,000	$984,000	$223,000	$460,000	$3,772,000
Information Technology Department								
M2	**CENTRALIZED HELP DESK/INFORMATION CENTER**							
ITD	Centralized Help Desk Software Upgrade	$30,000	$0	$0	$0	$0	$0	$30,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
Information Technology Department								
M2	**CENTRALIZED HELP DESK/INFORMATION CENTER**							
ITD	Development Services (60 hours of programming support)	$6,000	$0	$0	$0	$0	$0	$6,000
ITD	Helpdesk FTE 24x7	$0	$0	$0	$0	$0	$0	$0
ITD	Helpdesk FTE 24x7	$0	$0	$0	$0	$0	$0	$0
ITD	Helpdesk FTE 8x5	$0	$0	$0	$0	$0	$0	$0
M3	**CENTRALIZED WEB SUPPORT**							
ITD	Development Services (60 hours of programming support)	$31,000	$0	$0	$0	$0	$0	$31,000
ITD	Automated Support and Resolution Software	$15,000	$0	$0	$0	$0	$0	$15,000
M4	**TRAINING PROGRAM**							
ITD	Technical Training Program Costs (Estimated External Technical Training Costs)	$0	$0	$0	$0	$0	$0	$0
Information Technology Department		$82,000	$0	$0	$0	$0	$0	$82,000
Local Law Enforcement Agencies								
3E	**LAW ENFORCEMENT INFRASTRUCTURE**							
LEA	Database Software (2 Regional Serverss)	$35,000	$0	$35,000	$0	$0	$0	$70,000
LEA	Single High Density Server (2 Regional Serverss)	$30,000	$0	$30,000	$0	$0	$0	$60,000
LEA	Development Services (688 hours of programming support)	$39,000	$0	$30,000	$0	$0	$0	$69,000
LEA	Server Storage (2 Regional Serverss)	$8,000	$0	$8,000	$0	$0	$0	$16,000
LEA	Single High Density Server (2 Regional Database Servers)	$30,000	$0	$30,000	$0	$0	$0	$60,000
LEA	Database Storage (2 Regional Serverss)	$25,000	$0	$25,000	$0	$0	$0	$50,000
LEA	Server Operating Systems (2 Regional Serverss)	$20,000	$0	$20,000	$0	$0	$0	$40,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
Local Law Enforcement Agencies								
4A	**COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)**							
LEA	Common LERMS Application	$150,000	$175,000	$250,000	$0	$0	$0	$575,000
LEA	Development Services (912 hours of programming support)	$36,000	$30,000	$26,000	$0	$0	$0	$92,000
9A	**COMMON JAIL APPLICATION**							
LEA	Development Services (662 hours of programming support)	$0	$66,000	$0	$0	$0	$0	$66,000
LEA	Common Jail Application Software	$0	$200,000	$150,000	$0	$0	$0	$350,000
10B	**JAIL INFORMATION**							
LEA	Development Services (554 hours of programming support)	$0	$55,000	$0	$0	$0	$0	$55,000
12A	**COMMON FIELD REPORTING APPLICATION**							
LEA	Development Services (912 hours of programming support)	$0	$0	$21,000	$31,000	$10,000	$0	$62,000
LEA	Common Field Reporting Application	$0	$0	$200,000	$300,000	$200,000	$0	$700,000
14C	**UNIQUE JAIL INTERFACE(S)**							
LEA	Development Services (314 hours of programming support)	$0	$0	$31,000	$0	$0	$0	$31,000
14E	**UNIQUE LAW ENFORCEMENT INTERFACE(S)**							
LEA	Unique Vendor Interfaces (4 Local System Interfaces)	$0	$0	$180,000	$0	$0	$0	$180,000
LEA	Development Services (314 hours of programming support)	$0	$0	$31,000	$0	$0	$0	$31,000
18A	**UNIQUE LAW ENFORCEMENT INTERFACE(S)**							
LEA	Unique Vendor Interfaces (3 Local System Interfaces)	$0	$0	$0	$0	$105,000	$0	$105,000
LEA	Development Services (314 hours of programming support)	$0	$0	$0	$0	$31,000	$0	$31,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

EXHIBIT IX-4

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
Local Law Enforcement Agencies								
Local Law Enforcement Agencies		$373,000	$526,000	$1,067,000	$331,000	$346,000	$0	$2,643,000
North Dakota Judicial Branch								
5D	**UCIS DATA WAREHOUSE LINK**							
NDJB	Development Services (390 hours of programming support)	$39,000	$0	$0	$0	$0	$0	$39,000
6A	**DISPOSITION INTERFACE**							
NDJB	Development Services (314 hours of programming support)	$31,000	$0	$0	$0	$0	$0	$31,000
7A	**STATUTE AND DISPOSITION MATRIX**							
NDJB	Development Services (464 hours of programming support)	$46,000	$0	$0	$0	$0	$0	$46,000
10C	**PROTECTION ORDER AND WARRANT INFORMATION**							
NDJB	Development Services (394 hours of programming support)	$0	$39,000	$0	$0	$0	$0	$39,000
10D	**COURT CALENDARS INFORMATION**							
NDJB	Development Services (486 hours of programming support)	$0	$49,000	$0	$0	$0	$0	$49,000
10G	**COURT ORDER INFORMATION**							
NDJB	Development Services (554 hours of programming support)	$0	$55,000	$0	$0	$0	$0	$55,000
10H	**UCIS CASE INFORMATION**							
NDJB	Development Services (310 hours of programming support)	$0	$31,000	$0	$0	$0	$0	$31,000
14A	**LOCAL PROSECUTION TO UCIS**							
NDJB	Development Services (314 hours of programming support)	$0	$0	$31,000	$0	$0	$0	$31,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

EXHIBIT IX-4

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
North Dakota Judicial Branch								
14F	**CITATION MOVEMENT**							
NDJB	Development Services (314 hours of programming support)	$0	$0	$31,000	$0	$0	$0	$31,000
North Dakota Judicial Branch		$116,000	$174,000	$62,000	$0	$0	$0	$352,000
State's Attorneys								
9B	**COMMON STATES ATTORNEY APPLICATION**							
SA	Common State's Attorney Application Software	$0	$250,000	$0	$0	$0	$0	$250,000
SA	Development Services (686 hours of programming support)	$0	$69,000	$0	$0	$0	$0	$69,000
16B	**CITATION FEE AND RESTITUTION MANAGEMENT**							
SA	Development Services (736 hours of programming support)	$0	$0	$0	$74,000	$0	$0	$74,000
SA	Citation Fee and Resitution Management Application	$0	$0	$0	$150,000	$0	$0	$150,000
State's Attorneys		$0	$319,000	$0	$224,000	$0	$0	$543,000
Office of Management and Budget (State Radio)								
16A	**NDLETS TO CJIS MIGRATION**							
SR	Web-based NDLETS	$0	$0	$0	$75,000	$100,000	$0	$175,000
SR	Development Services (922 hours of programming support)	$0	$0	$0	$30,000	$61,000	$0	$91,000
Office of Management and Budget (State Radio)		$0	$0	$0	$105,000	$161,000	$0	$266,000

EXHIBIT IX-4

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
CAPITAL BUDGET BY ORGANIZATION AND PROJECT

AGENCY	PROJECT	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL

	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	TOTAL
Completion Plan Totals:	$2,253,000	$1,752,000	$1,651,000	$1,644,000	$1,024,000	$460,000	$8,784,000

expenditures represents costs in terms of the responsible organization; however, the information does not necessarily mean that the costs have been allocated to the organization or that the project will be funded by the organization.

5. Detailed Tactical Project Costs

APPENDIX E provides additional detail and lists the summary capital and operational costs, organized by project for the CJIS Implementation Plan. Columns and their definitions in APPENDIX E are:

- *Project ID.* This column provides the unique identifier each project.
- *Item Description:* This column lists the expenditure item for each project.
- *FY 0203.* This column identifies FY 0203 capital and operating costs for each item.
- *FY 0304.* This column identifies FY 0304 capital and operating costs for each item.
- *FY 0405.* This column identifies FY 0405 capital and operating costs for each item.
- *FY 0506.* This column identifies FY 0506 capital and operating costs for each item.
- *FY 0607.* This column identifies FY 0607 capital and operating costs for each item.
- *FY 0708.* This column identifies FY 0708 capital and operating costs for each item.

In addition, the summary information at the end of the report provides the overall fiscal year totals for the project. These totals are listed in the table below.

FY 0203	FY 0304	FY 0405	FY 0506	FY 0607	FY 0708
$2,253,000	$1,752,000	$1,651,000	$1,644,000	$1,024,000	$460,000
$188,500	$459,000	$1,313,400	$1,313,400	$1,536,400	$1,626,400

These represent the totals for the capital and the operating costs for the project.

C. POTENTIAL BENEFITS

The overall CJIS project benefit is represented by achieving the goals outlined in Section IV of this document. In addition, each of the project details, provided in APPENDIX C, lists individual project benefits and justification. In most cases, the projects are fundamental to the overall success of the

CJIS effort. The question of what is gained for the expenditures outlined in this part of the plan is focused on the following benefits:

- Improved access to information that will be used to:
  - » Improve the level of safety for criminal justice staff in the field and throughout the entire criminal justice process.
  - » Improve public safety by having more complete information about individuals interacting with the criminal justice process. This capability enables officers, State's Attorneys, and judges to make better decisions.
- Improve the timeliness of information so that individuals do not slip through any cracks in the criminal justice process.
- Reduce the cost of the justice process by moving information automatically between systems and justice organizations.

Of course, there will also cost avoidance as existing older systems, outdated information processing, and older technologies are retired, and their ongoing operational costs are no longer incurred. These cost avoidances will help defray the CJIS implementation costs.

D. FUNDING PLAN

EXHIBIT IX-5, which follows this page, outlines the possible funding sources for the revenue necessary to complete the CJIS project. The information provided outlines the approved fund sources and expected sources of funding for projects. The available funding was determined in concert with the Executive Committee and the CJIS Board. The estimated source efforts and funds are enumerated in EXHIBIT IX-6, which follows EXHIBIT IX-5. This information is provided to establish a rough correlation to the specific grants, but it does not imply a one-to-one map of CJIS projects to grant requests.

AVAILABLE FUNDS MATRIX

CJIS Capital Costs by Fiscal Year						
Fiscal Year	**FY 0203**	**FY 0304**	**FY 0405**	**FY 0506**	**FY 0607**	**FY 0708**
Draft Plan Budget	$2,253,000	$1,752,000	$1,651,000	$1,644,000	$1,024,000	$460,000

Grant Funding Available for CJIS Projects							
Grant Source	Status	**FY 0203**	**FY 0304**	**FY 0405**	**FY 0506**	**FY 0607**	**FY 0708**
NIBRS GRANT	Approved	$300,000	$0	$0	$0	$0	$0
NCHIP 1999	Approved	$0	$0	$0	$0	$0	$0
NCHIP 2000	Approved	$304,000	$0	$0	$0	$0	$0
NCHIP 2001	Approved	$207,000	$39,000	$0	$0	$0	$0
NCHIP 2002	Estimated	$455,000	$0	$0	$0	$0	$0
NCHIP 2003	Estimated	$0	**$440,000**	$0	$0	$0	$0
NCHIP 2004	Estimated	$0	$0	**$240,000**	$0	$0	$0
NCHIP 2005	Estimated	$0	$0	$0	**$240,000**	$0	$0
NCHIP 2006	Estimated	$0	$0	$0	$0	**$240,000**	$0
Homeland Security	Proposed	**$618,000**	$0	$0	$0	$0	$0
Court Funded Projects	Approved	$116,000	$0	$0	$0	$0	$0
Court Funded Projects	Requested	$0	$174,000	$62,000	$0	$0	$0
AG General Fund	Approved	$200,000	$0	$0	$0	$0	$0
NGA	Approved	$70,000	$0	$0	$0	$0	$0
	Total:	$2,270,000	$653,000	$302,000	$240,000	$240,000	$0

Additional Funding Requirements						
Fiscal Year	**FY 0203**	**FY 0304**	**FY 0405**	**FY 0506**	**FY 0607**	**FY 0708**
Funding Shortfall	-$17,000	$1,099,000	$1,349,000	$1,404,000	$784,000	$460,000

CJIS Operating Costs by Fiscal Year						
Fiscal Year	**FY 0203**	**FY 0304**	**FY 0405**	**FY 0506**	**FY 0607**	**FY 0708**
Funding Shortfall	$188,500	$459,000	$879,200	$1,313,400	$1,536,400	$1,626,400

NOTES:
Grant funds represent draft analysis of the current NCHIP 2000 and NCHIP 2001 requests as well as other notes developed during the requirements during the requirements analysis and other interviews. This information will be validated and discussed during the March project meetings.

SOURCE FUND DETAILS BY PROJECT

Fiscal Year	Project Number	Project Name	(Related Projects)	Funding Available
Court Projects				
FY 0203	5D	UCIS DATA WAREHOUSE LINK		
	6A	DISPOSITION INTERFACE		
	7A	STATUTE AND DISPOSITION MATRIX		
			FY 0203 Total:	$ 116,000
FY 0304	10C	PROTECTION ORDER AND WARRANT INFORMATION		
	10D	COURT CALENDARS INFORMATION		
	10G	UCIS DATA WAREHOUSE LINK		
	10H	UCIS CASE INFORMATION		
			FY 0304 Total:	$ 174,000
FY 0405	14A	LOCAL PROSECUTION TO UCIS		
	14F	CITATION MOVEMENT		
			FY 0405 Total:	$ 62,000
AG – General Fund				
FY 0203	N/A	UCR Project Funding		
			FY 0203 Total:	$ 200,000
NGA				
FY 0203	N/A	None Assigned		
			FY 0203 Total:	$ 70,000
NIBRS GRANT				
FY 0203	N/A	None Assigned		
			FY 0203 Total:	$ 300,000
NCHIP 2000				
FY 0203	6A	DISPOSITION INTERFACE		
	7A	STATUTE AND DISPOSITION MATRIX		
			FY 0203 Total:	$ 304,000
NCHIP 2001				
FY 0203	6A	DISPOSITION INTERFACE		
	7A	STATUTE AND DISPOSITION MATRIX		
			FY 0203 Total:	$ 207,000
FY 0304	10A	SEX OFFENDER REGISTRY (SOR)		
			FY 0304 Total:	$ 39,000

SOURCE FUND DETAILS BY PROJECT

Fiscal Year	Project Number	Project Name	(Related Projects)	Funding Available
NCHIP 2002				
FY 0203	6A	DISPOSITION INTERFACE		
	7A	STATUTE AND DISPOSITION MATRIX		
	4D	AFIS UPGRADE		
			FY 0203 Total:	$ 455,000
Homeland Security				
FY 0203	3E	LAW ENFORCEMENT INFRASTRUCTURE		
	4A	COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)		
	4C	USER INFORMATION SYSTEM (UIS)		
	5A	PORTAL DESIGN AND SCOPE		
			FY 0203 Total:	$ 618,000
No Grant Funds				
FY 0203	3A	SECURITY AUDIT AND DETAILED DESIGN		
	3B	CJIS DATA CENTER		
	3C	SECURITY IMPLEMENTATION		
	3D	AUDIT AND LOGGING SUBSYSTEM		
	5B	CENTRAL PUBLICATION ENGINE/MASTER INDEX		
	7B	ACCESS AND SECURITY POLICY		
			FY 0203 Total:	None

Total FY 0203 Funding Sources	**$**	**2,270,000**
Total FY 0203 Phase Costs (Including Projects With No Funding Listed Above)	**$**	**2,253,000**
Funding FY 0203 Shortfall (or Available Funding)	**$**	**(17,000)**

APPENDIX A
GLOSSARY

GLOSSARY

Acronym	Definition
AAMVA	American Association of Motor Vehicle Administrators
AFIS	Automated Fingerprint Identification System
ANSI	American National Standards Institute
API	Application Program Interface
ASCII	American Standard Code for Information Interchange
ATN	Arrest Tracking Number
BCA	Bureau of Criminal Apprehension (Minnesota)
BCI	Bureau of Criminal Investigation
BPR	Business Process Reengineering
CAD	Computer-Aided Dispatch
CADD	Computer-Aided Design and Drafting
CCH	Computerized Criminal History
CDSA	Common Data Security Architecture
CJIS	Criminal Justice Information Sharing
COTS	Commercial Off-the-Shelf
DCOM	Distributed Computer Object Model
DDLS	Digitized Drivers License System
DEA	Drug Enforcement Agency (Federal)
DES	Data Encryption Standards
DMZ	Demilitarized Zone
DNS	Domain Name Services
DOCR	Department of Corrections and Rehabilitation
DOCSTARS	Department of Corrections Subject Tracking and Reporting System (Vendor Product Name)
DOJ	Department of Justice (Federal)
DOT	Department of Transportation
DSS	Decision Support Systems
EDI	Electronic Data Interchange
EDMS	Electronic Document Management System

Acronym	Definition
EMS	Emergency Management Service
ERWIN	Vendor Product Name
FBI	Federal Bureau of Investigation
FTE	Full-Time Equivalent
FTP	File Transfer Protocol
GIF	Graphic Interchange Format
GIS	Geographic Information System
GUI	Graphical User Interface
HIDTA	High-Intensity Drug Trafficking Area
HTML	Hypertext Markup Language
HTTP	Hypertext Transfer Protocol
IAFIS	Integrated Automated Fingerprint Identification System
IBR	Incident-Based Reporting
ID	Identifier or Identification
IP	Internet Protocol
IS	Information System
ISDN	Integrated Services Digital Network
ISO	International Standards Organization
IT	Information Technology
ITD	Information Technology Department
JMS	Jail Management System
LAN	Local Area Network
LDAP	Lightweight Directory Access Protocol
LEO	Law Enforcement Officer
LERMS	Law Enforcement Records Management System
MDC	Mobile Data Computer
MDT	Mobile Data Terminal
MOCIC	Mid-States Organized Crime Information Center
NCIC	National Crime Information Center
NDACO	North Dakota Association of Counties
NDAG	North Dakota Office of the Attorney General

Acronym	Definition
NDHP	North Dakota Highway Patrol
NDLETS	North Dakota Law Enforcement Teletype System
NFIRS-FM	National Fire Information Reporting System – Fire Marshall
NGA	National Governors' Association
NIBRS	National Incident-Based Reporting System
NIST	National Institute of Standards and Technology
NIST-CSL	National Institute of Standards and Technology – Computer Systems Laboratory
NLETS	National Law Enforcement Telecommunications System
OLAP	On-Line Analytical Processing
PDF	Portable Document Format
PSI	Presentence Investigation
RFP	Request for Proposal
RMS	Records Management System
SAMS	State's Attorney Management System
SCDS	Supreme Court Docket System
SEARCH	The National Consortium for Justice Information and Statistics *(http://www.search.org)*
SID	State Identification Number
SNA	Systems Network Architecture
SOAP	Simple Object Access Protocol
SQL	Structured Query Language
SYSCON	Vendor Name
TCP/IP	Transmission Control Protocol/Internet Protocol
TDEA	Traffic Data Editing and Analysis
UCIS	Unified Court Information System
UCR	Uniform Crime Reporting
VLAN	Virtual Local Area Network
VRM	Vehicle Radio Modem
VTRS	Vehicle Titling and Registration System
WAN	Wide Area Network
XML	Extensible Markup Language

APPENDIX B

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BIBLIOGRAPHY

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APPENDIX C

PROJECT PORTFOLIO

PROJECT: GOVERNANCE FINALIZATION		
Project Number: 1A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

56 Days

4/1/02 to 5/27/02

Project Resources (hours):

CJIS ITD Project Liaison	20.0
CJIS Board	4.0
CJIS Executive Committee	2.0
CJIS Executive Sponsor	2.0

Project Description:

The CJIS effort will begin with a project to formalize the governance structure, adopt any procedures necessary to formalize projects, and publicize the CJIS project structure. Clear roles and contacts will be made for each of the efforts with the CJIS plan. This project will conclude with executive briefings to the governor, the CJIS Board, and the Legislative IT Committee.

Benefits and Justification:

To meet the needs, mission, and goals of CJIS, the stakeholders must organize for change and consider taking advantage of information access and sharing opportunities in day-to-day operations. Establishing the governance with clear charter statements that fully articulate the roles and responsibilities of each group and its membership will provide the basis to build the North Dakota CJIS Integration Backbone.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Provide a standards-based environment.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Present Governance Structure to CJIS Board	4/1/02	4/1/02	0 days	8	0
Task 2	Approve Governance Structure	4/1/02	4/1/02	0 days	4	0
Task 3	Implement Governance Structure	4/2/02	5/27/02	55 days	16	0

Deliverables:

Deliverable	*Finish*	*Status*
Governance Structure Implemented	5/27/02	7

Issues, Risks, and Notes:

This effort should include communiqués from the approving groups about the approval and the benefits to state. This should be in the form of press releases with at least one formal press release meeting with project material, such as the project summary, available for members of the press.

Involved Agencies:

- Information Technology Department

PROJECT: MANAGEMENT REPORTING MECHANISMS		
Project Number: 1B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$17,000
FY0304	$5,000
FY0405	$4,000
FY0506	$4,000
FY0607	$4,000
FY0708	$4,000

Project Duration:

98 Days

4/1/02 to 7/8/02

Project Resources (hours):

CJIS ITD Project Liaison	176.0
CJIS Technology Committee	72.0
CJIS Executive Committee	32.0

Project Description:

This project establishes the reporting mechanisms that will be used to keep the governing body informed, communicate project constraints, and establish lines of communication between interested organizations. In addition, this project defines the methods and expectations for individual CJIS tactical project managers to communicate with the project director. This project includes establishing benchmarks and developing a communications and marketing plan.

Benefits and Justification:

Clear project management communication are essential to the success of the project. These communications focus on the mechanics of the project in terms of milestone dates, expected release dates, resource commitments, and other critical project coordination issues. Failure to communicate these events can cause significant issues within a project.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Business Performance Measurement Process	4/2/02	5/27/02	55 days	96	0
Task 2	Define Technical Performance Measures	4/16/02	5/27/02	41 days	96	0
Task 3	Define Interface/Messaging Performance Measures	5/28/02	7/8/02	41 days	72	0
Task 4	Develop a Marketing and Communications Plan	4/1/02	5/24/02	53 days	16	0

Deliverables:

Deliverable	*Finish*	*Status*
Marketing and Communication Plans Completed	5/24/02	14
Performance Measurement Plan	7/8/02	12

Issues, Risks, and Notes:

The project director will be the primary communicator of CJIS project information. Information from each specific project effort will be communicated to project team members by the CJIS project manager, but all information disseminated to non-team members should be done through the project director.

Involved Agencies:

- CJIS Board
- CJIS Executive Committee

PROJECT: TACTICAL BUDGET IMPLEMENTATION		
Project Number: 1C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

139 Days

4/2/02 to 8/19/02

Project Resources (hours):

CJIS Project Manager	600.0
CJIS ITD Project Liaison	120.0
CJIS Executive Committee	24.0

Project Description:

This project refines the project budget based on committed funding levels and updated project assumptions. This will affect phases 2 through 4 of the project, since budget and funding adjustments may cause timeline changes. In addition, this project addresses the issue of cost sharing and the state's approach to CJIS costs.

Benefits and Justification:

The budget estimates provided within the implementation plan will be detailed and confirmed during this effort. The confirmation will provide specific budget guidance and supporting information for agency in the 2003–2005 budget process.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Establish Internal Cost-Sharing Mechanisms	4/2/02	5/27/02	55 days	198	0
Task 2	Determine Work Effort	4/16/02	5/27/02	41 days	149	0
Task 3	Determine System Costs	4/30/02	5/27/02	27 days	99	0
Task 4	Balance Work Effort and Systems Costs	5/28/02	6/10/02	13 days	50	0
Task 5	Review Draft Project Budget	6/11/02	7/8/02	27 days	99	0
Task 6	Develop Long-Term Funding Plan	7/9/02	8/5/02	27 days	99	0
Task 7	Revise and Update Budget	8/6/02	8/19/02	13 days	50	0

Deliverables:

Deliverable	*Finish*	*Status*
Project Budget (Draft)	6/10/02	20

Project Budget	8/19/02	24

Issues, Risks, and Notes:

There is a risk factor with this effort in that this activity is scheduled to take place while the project director is selected. This creates the possibility that this effort will not be started until that individual is in place. This effort should be undertaken with current staff to identify the detailed information required to support the budget process.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: PROJECT DIRECTOR		
Project Number: 1D	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$100,000
FY0304	$165,000
FY0405	$105,000
FY0506	$105,000
FY0607	$105,000
FY0708	$105,000

Project Duration:

118 Days

4/9/02 to 8/5/02

Project Resources (hours):

CJIS ITD Project Liaison	40.0
CJIS Board	16.0
CJIS Executive Committee	16.0

Project Description:

This project represents the effort necessary to hire the CJIS project director and establish this person in a leadership role for the CJIS effort. This is a critical project that must be completed rapidly to ensure that the CJIS project schedule is not affected. In addition, this project will formalize the role of CJIS technical architect by identifying this individual as well. The CJIS technical architect will have a significant role in the first 6 to 12 months of the project. The CJIS project director will be a full-time position, as outlined in the Requirement Document and Technology Architecture.

Benefits and Justification:

The project director is responsible for providing operational coordination and leadership for overall CJIS plan implementation, a critical aspect of completing CJIS projects.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Provide a standards-based environment.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Identify the Project Director	4/9/02	6/3/02	55 days	22	0
Task 2	Identify the CJIS Technical Architect	4/9/02	7/1/02	83 days	34	0

Deliverables:

Deliverable	*Finish*	*Status*
Project Director Named	7/8/02	27
CJIS Technical Architect Named	8/5/02	29

Issues, Risks, and Notes:

This project is critical. Any delay in placing the project director or selecting the technical architect will delay every project effort in the CJIS project portfolio. The momentum that the project will lose with a delay will be noticeable and may set the tone for the rest of the project.

Involved Agencies:

- CJIS Board
- CJIS Executive Committee
- CJIS Technology Committee

PROJECT: PROJECT MANAGEMENT CONTROLS		
Project Number: 2A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

41 Days

5/28/02 to 7/8/02

Project Resources (hours):

CJIS Project Manager	200.0
CJIS ITD Project Liaison	40.0
CJIS Executive Committee	8.0

Project Description:

Several detailed project management controls must be established and maintained during the life of the CJIS project phases. This project represents the staff resources that will determine the controls and establishes the specific procedures to follow.

Benefits and Justification:

All CJIS projects should be managed with an action plan, listing purpose, performance goals, tools, measurements, and actions to be taken when project monitoring reveals performance issues. This effort establishes these procedures so that the CJIS project will benefit from consistent management and project policies.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Provide a standards-based environment.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Project Management Controls	5/28/02	6/24/02	27 days	99	0
Task 2	Review Project Management Controls	5/28/02	6/10/02	13 days	50	0
Task 3	Implement Project Management Controls	6/11/02	7/8/02	27 days	99	0

Deliverables:

Deliverable	*Finish*	*Status*
Controls Defined	6/24/02	33
Controls Implemented	7/8/02	36

Issues, Risks, and Notes:

Each project will be managed by an effort project manager designated as the CJIS project manager. This presents risk that a specific project manager may not have strong project management control skills. Should this issue become apparent, the CJIS project director and involved agencies will have to evaluate courses of action to provide the correct level of project management controls.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: PROJECT RESOURCE ACQUISITION		
Project Number: 2B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$41,000
FY0304	$50,000
FY0405	$50,000
FY0506	$25,000
FY0607	$25,000
FY0708	$25,000

Project Duration:

139 Days

5/28/02 to 10/14/02

Project Resources (hours):

CJIS Project Manager	1360.0
CJIS ITD Project Liaison	272.0
CJIS Project Director	104.0
CJIS Executive Committee	67.2
CJIS Board	12.8

Project Description:

This project reflects the fact that contractual services will be required during the course of this contract. Three different service levels have been identified during the implementation plan for immediate resolution, management assistance, existing vendor assistance, and technical support services (i.e., additional contract developers). These three services will be acquired and placed under a long-term contract as a result of this effort.

Benefits and Justification:

The portfolio of CJIS projects will require specific assistance in terms of programming staff and various vendor assistance during the project life cycle. This project will put into place the relationships that will maximize project effectiveness by making resources available as needed.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Outsourcing Strategy	5/28/02	9/30/02	125 days	624	0
Task 1.1	Define Outsourcing Requirements	5/28/02	7/8/02	41 days	149	0
Task 1.2	Contact Outsourcing Vendors	5/28/02	6/17/02	20 days	74	0
Task 1.3	Develop Request for Proposal (RFP)	6/18/02	7/8/02	20 days	74	0
Task 1.4	Post RFP and Solicit Proposals	7/9/02	8/19/02	41 days	149	0
Task 1.5	Review and Evaluate Proposals	8/20/02	9/9/02	20 days	86	0
Task 1.6	Negotiate Contract	9/10/02	9/30/02	20 days	91	0
Task 2	Update Consultant Contracts	8/6/02	9/16/02	41 days	164	0
Task 2.1	Define Contract Strategy	8/6/02	8/19/02	13 days	50	0

Task 2.2	Identify Deliverables	8/20/02	8/26/02	6 days	25	0
Task 2.3	Negotiate Contract Changes	8/27/02	9/9/02	13 days	61	0
Task 2.4	Execute Consultant Contract Amendments	9/10/02	9/16/02	6 days	29	0
Task 3	Acquire Web Developers	5/28/02	9/30/02	125 days	475	0
Task 3.1	Develop RFP	5/28/02	6/24/02	27 days	99	0
Task 3.2	Post RFP and Solicit Proposals	6/25/02	8/19/02	55 days	198	0
Task 3.3	Review and Evaluate Proposals	8/20/02	9/9/02	20 days	86	0
Task 3.4	Negotiate Contract	9/10/02	9/30/02	20 days	91	0
Task 4	Modify Existing Vendor Contract	5/28/02	10/14/02	139 days	553	0
Task 4.1	Define Contract Strategy	5/28/02	6/10/02	13 days	50	0
Task 4.2	Verify Current Contract Deliverables	6/11/02	7/1/02	20 days	74	0
Task 4.3	Identify New Contract Deliverables	7/2/02	7/29/02	27 days	99	0
Task 4.4	Negotiate Contract Changes	7/30/02	9/23/02	55 days	243	0
Task 4.5	Finalize Existing Vendor Changes	9/24/02	10/14/02	20 days	86	0

Deliverables:

Deliverable	*Finish*	*Status*
Revised Consultant Contract	9/16/02	51
Wed Developer Contract	9/30/02	57
Outsourcing Vendor Contract	9/30/02	45
Revised Existing Vendor Contracts	10/14/02	64

Issues, Risks, and Notes:

Clear language should exist within each of the contracts that the CJIS project director may remove individuals from a project at any point. In addition, the scope of the agreement should be made on an annually renewable basis for the duration of the CJIS project.

Involved Agencies:

- Information Technology Department

PROJECT: CONFIGURATION MANAGEMENT SYSTEM		
Project Number: 2C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

48 Days

7/9/02 to 8/26/02

Project Resources (hours):

CJIS ITD Project Liaison	120.0
CJIS Project Manager	120.0
CJIS Technical Architect	120.0
CJIS Technology Committee	48.0

Project Description:

This project will establish the mechanisms to control the multiple development and implementation efforts that will be conducted simultaneously within the scope of the CJIS project. Specific attention will focus on software release versioning so that the CJIS community experiences a smooth and effective transition from today's technology tools to the tools envisioned by CJIS.

Benefits and Justification:

The configuration management system will enable the project to rapidly update and manage software versions and support requirements. Without these processes and tools, significant effort may be wasted during the project life cycles.

Business and Technology Goals Supported:

- Ensure effective operations.
- Provide a standards-based environment.
- Ensure system flexibility.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Document System	7/9/02	8/5/02	27 days	136	0
Task 2	Identify and Define Needed Software Products	7/30/02	8/5/02	6 days	34	0
Task 3	Define Current Version Release Methods	8/6/02	8/12/02	6 days	34	0
Task 4	Define Configuration Management Components	7/30/02	8/12/02	13 days	68	0
Task 5	Establish the Configuration Management Process	7/30/02	8/26/02	27 days	136	0

Deliverables:

Deliverable	*Finish*	*Status*
Configuration Management System Implemented	8/26/02	71

Issues, Risks, and Notes:

Integrating the state methods with vendor versioning can be problematic. Clear definition of vendor versions must be defined within the CJIS configuration management tools.

Involved Agencies:

- Information Technology Department

PROJECT: SECURITY AUDIT AND DETAILED DESIGN		
Project Number: 3A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$45,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

102 Days

9/2/02 to 12/13/02

Project Resources (hours):

Security Audit Vendor	344.0
CJIS Network Technician	312.0
CJIS Project Director	106.0
CJIS Project Manager	48.0
CJIS Technical Architect	24.0
CJIS Technology Committee	16.0

Project Description:

The security audit and detailed design project represents two efforts that will first assess the security level of the CJIS environment and partner systems. This project will then develop a detailed security design based on the security principles outlined in the Technology Architecture. The detailed design will focus on addressing the outstanding security needs and any problems identified during the security audit.

Benefits and Justification:

The CJIS projects are dependent on clear security mechanisms. In addition, agencies are sharing sensitive information that must be handled in a secure manner. The security audit establishes the starting point for closing the security issues that may currently exist in the environment. The security plan details the work that must be completed to meet the security design of the CJIS environment.

Business and Technology Goals Supported:

- Ensure privacy and accuracy.
- Provide a standards-based environment.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Security Audit Framework	9/2/02	9/20/02	18 days	84	0
Task 2	Contract for Audit Vendor	9/23/02	9/27/02	4 days	20	0
Task 3	Conduct Security Audit	9/30/02	10/11/02	11 days	100	0
Task 4	Analyze Security Requirements	10/14/02	11/8/02	25 days	352	0
Task 5	Conduct Site and Needs Planning	11/11/02	11/15/02	4 days	54	0
Task 6	Design Site and Infrastructure Security Topologies	11/18/02	11/29/02	11 days	56	0
Task 7	Verify Security Design	12/2/02	12/13/02	11 days	184	0

Deliverables:

Deliverable	*Finish*	*Status*
Security Audit Complete	10/11/02	78
Security Design Complete	12/13/02	83

Issues, Risks, and Notes:

This project carries significant risk in that problems may be identified that the state cannot afford to fix in the 2003–2005 budget cycle. The project plans to address the CJIS issues in Phase 1 and Phase 2; however, ITD may have to address large security issues that may be identified.

Involved Agencies:

- Information Technology Department

PROJECT: CJIS DATA CENTER		
Project Number: 3B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$430,000
FY0304	$64,000
FY0405	$64,000
FY0506	$64,000
FY0607	$64,000
FY0708	$64,000

Project Duration:

277 Days

9/2/02 to 6/6/03

Project Resources (hours):

CJIS Project Manager	622.0
CJIS Technical Architect	378.0
CJIS Network Technician	172.0
CJIS Technology Committee	70.0

Project Description:

The purpose of this project is to develop a detailed design for a centralized data and operations center for the CJIS. Activities in this project will including defining requirements; developing design and management processes; and bringing the data center test, development, and production environments into full operation.

Benefits and Justification:

The primary benefit of the data center is that the ability to support the application environment is significantly enhanced by the control and central maintenance that is offered by the centralized CJIS systems and transaction approach. Another significant benefit is the ability to implement new functionality based on existing components within the data center, through the use of existing objects and systems that are already tested and operational. These benefits will yield improvements to the entire CJIS environment.

Business and Technology Goals Supported:

- Ensure access to information.
- Ensure responsive technology support.
- Ensure system flexibility.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Evaluate Facility Requirements	9/2/02	9/27/02	25 days	104	0
Task 2	Determine Network Infrastructure Capabilities	9/30/02	10/4/02	4 days	26	0
Task 3	Review System Technical Requirements	10/7/02	10/18/02	11 days	52	0
Task 4	Implement Development Server	10/21/02	1/10/03	81 days	264	0
Task 4.1	Analyze Sizing Requirements and Processes	10/21/02	11/1/02	11 days	52	0
Task 4.2	Acquire Development Systems	11/4/02	12/13/02	39 days	108	0
Task 4.3	Design System Infrastructure	12/16/02	1/10/03	25 days	104	0
Task 5	Implement Production Server	10/21/02	6/6/03	228 days	796	0
Task 5.1	Design Production System Infrastructure	10/21/02	11/15/02	25 days	104	0

Task 5.2	Acquire New Production Equipment	11/18/02	2/7/03	81 days	216	0
Task 5.3	Implement New Production Equipment	2/10/03	3/7/03	25 days	112	0
Task 5.4	Complete Necessary Consolidation	3/10/03	5/30/03	81 days	336	0
Task 5.5	Validate Environment Operational	6/2/03	6/6/03	4 days	28	0

Deliverables:

Deliverable	*Finish*	*Status*
Development System Requirements	11/1/02	90
Development System Ready	12/13/02	92
Production Server Ready	3/7/03	106
All Production Servers Installed	6/6/03	109

Issues, Risks, and Notes:

Several design issues are noted in Appendix P-1, the Data Center Design Packet of the Technology Architecture. In addition, the CJIS data center may seem redundant; however, specific security and access requirements that organizations must comply with to access federal systems such as NLETS and NCIC are easier to validate and manage in a separate topology. This does not mean that these systems have to reside is an isolated building; however, specific procedures and rules must be established.

Involved Agencies:

- Information Technology Department

PROJECT: SECURITY IMPLEMENTATION		
Project Number: 3C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$29,000
FY0304	$5,000
FY0405	$5,000
FY0506	$5,000
FY0607	$5,000
FY0708	$5,000

Project Duration:

214 Days

9/2/02 to 4/4/03

Project Resources (hours):

CJIS Network Technician	512.0
CJIS Project Manager	320.0
CJIS Technical Architect	292.0
CJIS Technology Committee	8.0

Project Description:

This project will focus on the implementation of security procedures or systems to address any issues discovered in Project 3A, Security Audit and Detailed Design. The focus of the project will be to create the basic infrastructure necessary to publish CJIS information through the Central Publication Engine and Index that will be developed in Project 5B. This project will also integrate the security with current antivirus software systems to ensure a consistent approach to system integrity.

Benefits and Justification:

The CJIS projects are dependent on clear security mechanisms. The security audit and security plan completed in Project 3A, detailed the work that must be completed to meet the security design of the CJIS environment. This project will implement the critical portions of the security subsystem that must be in place to share information.

Business and Technology Goals Supported:

- Ensure privacy and accuracy.
- Provide a standards-based environment.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Select and Deploy Security Infrastructure	9/2/02	3/21/03	200 days	694	0
Task 1.1	Determine Security Systems Requirements	9/2/02	9/13/02	11 days	64	0
Task 1.2	Acquire Security Systems Infrastructure	9/16/02	1/3/03	109 days	160	0
Task 1.3	Deploy Security Systems Infrastructure	1/6/03	2/14/03	39 days	300	0
Task 1.4	Test and Evaluate Security Systems	2/17/03	3/7/03	18 days	102	0
Task 1.5	Adjust and Finalize Security Systems	3/10/03	3/21/03	11 days	68	0
Task 2	Integrate Security Tools With Antivirus System	1/6/03	3/21/03	74 days	370	0
Task 2.1	Determine Integration Requirements	1/6/03	1/17/03	11 days	64	0
Task 2.2	Integrate Services	1/20/03	2/14/03	25 days	136	0

Task 2.3	Test and Evaluate Integrated Services	2/17/03	3/7/03	18 days	102	0
Task 2.4	Adjust and Finalize Security Integration	3/10/03	3/21/03	11 days	68	0
Task 3	Validate Integrated Security Services	3/24/03	4/4/03	11 days	68	0

Deliverables:

Deliverable	*Finish*	*Status*
Network Management Integrated With Antivirus System	3/21/03	123
Initial Security System Completed	3/21/03	117
Security Systems Deployed and Integrated	4/4/03	125

Issues, Risks, and Notes:

Several design issues are noted in Appendix P-5, the Security Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: AUDIT AND LOGGING SUBSYSTEM		
Project Number: 3D	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$62,000
FY0304	$4,000
FY0405	$4,000
FY0506	$4,000
FY0607	$4,000
FY0708	$4,000

Project Duration:

200 Days

9/2/02 to 3/21/03

Project Resources (hours):

CJIS Project Manager	466.0
CJIS Developer	420.0
CJIS Technical Architect	266.0
Business Expert	80.0
CJIS Network Technician	70.0
CJIS Technology Committee	10.0

Project Description:

This project establishes the infrastructure to monitor, and if necessary control, access within the CJIS community. It focuses on auditing not limiting access so that it can provide an audit trail of activity. This project focuses on monitoring access so that actions in the entire environment are received. In addition, the project establishes the mechanisms and policies to track and utilize the audit information that is collected and maintained.

Benefits and Justification:

The implementation of auditing and logging procedures and tools should be a key CJIS implementation priority owing to the requirements of various CJIS organizations and oversight agencies. In addition, these tools will assist CJIS project teams with their to initial security configuration and implementation efforts.

Business and Technology Goals Supported:

- Ensure effective operations.
- Ensure privacy and accuracy.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Analyze Report Requirements and Audit Processes	9/2/02	9/20/02	18 days	96	0
Task 2	Conduct Joint Audit Review Session	9/23/02	9/27/02	4 days	50	0
Task 3	Reconcile Audit Requirements	9/30/02	10/11/02	11 days	64	0
Task 4	Design Audit System	10/14/02	11/15/02	32 days	250	0
Task 5	Develop Audit System	11/18/02	1/24/03	67 days	500	0
Task 6	Conduct User Testing	1/27/03	2/21/03	25 days	152	0
Task 7	Correct User Testing Reports	2/24/03	2/28/03	4 days	50	0
Task 8	Develop Operational Configuration and Jobs	3/3/03	3/14/03	11 days	100	0
Task 9	Implement Reports and Audits	3/17/03	3/21/03	4 days	50	0

Deliverables:

Deliverable	*Finish*	*Status*
Document Audit Requirements	10/11/02	130
Audit System Build Complete	1/24/03	133
Audit System Certification	3/21/03	138

Issues, Risks, and Notes:

Several design issues are noted in Appendix Q-2, the Auditing and Logging System Design Packet of the Technology Architecture.

Involved Agencies:

- Information Technology Department

PROJECT: LAW ENFORCEMENT INFRASTRUCTURE		
Project Number: 3E	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$187,000
FY0304	$25,000
FY0405	$203,000
FY0506	$50,000
FY0607	$50,000
FY0708	$50,000

Project Duration:

305 Days

10/7/02 to 8/8/03

Project Resources (hours):

Business Expert	1594.0
CJIS Developer	688.0
CJIS Project Manager	462.0
CJIS Technical Architect	448.0
Business Executive	64.0
CJIS Project Director	4.0

Project Description:

This project will examine, implement, and deploy the infrastructure necessary to support a common law enforcement system. This system will require a support capability that may need to be distributed regionally in key locations. This project will evaluate those requirements, architect the agreements to deploy the system, and implement the solution that best enables local law enforcement to utilize the common law enforcement application through these systems.

Benefits and Justification:

This project will be implemented with Project 4A to provide a cost-effective local law enforcement records and case management system, referred as a LERMS, that enables information that originates with local law enforcement to be collected and managed at the initiation point. This will save significant effort and duplication of entry in later CJIS processes since this information will be exchanged electronically. The focus of this project is the effective deployment of infrastructure resources to minimize overall cost of the LERMS effort.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	10/7/02	10/25/02	18 days	342	0
Task 2	Define Local Participation	10/7/02	11/15/02	39 days	960	0
Task 3	Develop RFP	11/4/02	11/15/02	11 days	36	0
Task 4	Post RFP and Solicit Proposals	11/18/02	12/20/02	32 days	60	0
Task 5	Review and Evaluate Proposals	12/23/02	1/10/03	18 days	270	0
Task 6	Negotiate Contract	1/13/03	1/24/03	11 days	48	0
Task 7	Validate Conceptual Design	1/27/03	2/7/03	11 days	72	0

Task 8	Develop Conversion and Implementation Plans	2/10/03	3/14/03	32 days	130	0
Task 9	Deploy System Components	2/10/03	3/21/03	39 days	240	0
Task 10	Integrate System With Index Server	2/17/03	3/21/03	32 days	230	0
Task 11	Verify System Functionality and Components	3/24/03	4/18/03	25 days	280	0
Task 12	Implement Systems With LERMS	4/21/03	7/11/03	81 days	552	0
Task 13	Monitor System Production	7/14/03	8/8/03	25 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
Regional System Design Verified	4/18/03	151
LERMS Infrastructure and Software Installed	7/11/03	153

Issues, Risks, and Notes:

Several design issues are noted in Section VI of the Technology Architecture and further detailed in Appendix P, the Platform Architecture Packet of the Technology Architecture.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies

PROJECT:	COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)	
Project Number: 4A	Responsible Organization: Local Law Enforcement Agencies	Documentation Date: 4/16/02

Project Budget:

FY0203	$186,000
FY0304	$231,000
FY0405	$333,000
FY0506	$101,000
FY0607	$101,000
FY0708	$101,000

Project Duration:

382 Days

9/2/02 to 9/19/03

Project Resources (hours):

Business Expert	1988.0
CJIS Developer	912.0
CJIS Technical Architect	460.0
CJIS Project Manager	442.0
Business Executive	8.0
CJIS Project Director	8.0

Project Description:

This system will deploy a common law enforcement records and case management system that will provide local law enforcement with full UCR and IBR capability, as well as the functionality to manage cases and investigations. This system will be designed so that it is easily used and supported through the state's secured CJIS networks. In addition, the system will most likely be deployed in regional installations to optimize utilization and cost factors.

Benefits and Justification:

This project will be implemented with Project 3E to provide a cost-effective local law enforcement records and case management system, referred as a LERMS, that enables information that originates with local law enforcement to be collected and managed at the initiation point. This will save significant effort and duplication of entry in later CJIS processes since this information will be exchanged electronically. The focus of this project is to deploy the LERMS that will provide the RMS functionality to local law enforcement.

Business and Technology Goals Supported:

- Provide responsive services.
- Ensure access to information.
- Deliver timely information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	9/2/02	10/11/02	39 days	684	0
Task 2	Develop RFP	10/14/02	10/25/02	11 days	36	0
Task 3	Post RFP and Solicit Proposals	10/28/02	11/29/02	32 days	60	0
Task 4	Review and Evaluate Proposals	12/2/02	12/20/02	18 days	270	0
Task 5	Negotiate Contract	12/23/02	1/17/03	25 days	96	0
Task 6	Validate Conceptual Design	1/20/03	2/7/03	18 days	108	0
Task 7	Validate Interface Design	1/27/03	2/7/03	11 days	72	0

Task 8	Develop Conversion and Implementation Plan	2/10/03	3/7/03	25 days	104	0
Task 9	Deploy System Components	2/10/03	4/11/03	60 days	360	0
Task 10	Integrate System With Index Server	3/10/03	4/11/03	32 days	230	0
Task 11	Pilot System (Beta Version)	4/14/03	6/6/03	53 days	912	0
Task 12	Verify System Functionality and Components	5/12/03	6/6/03	25 days	280	0
Task 13	Update/Refine System Components From Pilot	6/9/03	6/27/03	18 days	150	0
Task 14	Verify Production Quality System	6/30/03	7/11/03	11 days	140	0
Task 15	Implement Systems	7/14/03	8/22/03	39 days	276	0
Task 16	Monitor System Production	8/25/03	9/19/03	25 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
LERMS Pilot Verified	6/6/03	169
Initial LERMS Interface Completed	8/22/03	174
LERMS Software Installed	8/22/03	173

Issues, Risks, and Notes:

A challenge with this effort the manner in which the information will be captured. Until local law enforcement embraces field reporting, implemented in Project 12A, the LERMS information tends to be delayed and may not fully reduce the duplicate entry of information. It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture, specifically the design described in Appendix M-1, the Application Design Packet.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- North Dakota CJIS Project
- Information Technology Department

PROJECT: UCR AND IBR REPOSITORY		
Project Number: 4B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$186,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

291 Days

9/2/02 to 6/20/03

Project Resources (hours):

Business Expert	1654.0
CJIS Developer	614.0
CJIS Technical Architect	270.0
CJIS Project Manager	196.0

Project Description:

This project will establish a new UCR and IBR repository for the state. This effort will allow CJIS interaction with the repository and enable the publication and utilization of the information in Project 5C. The new repository will also provide the detailed specifications for agency submissions to the repository. This aspect of the project will improve overall reporting of both IBR and UCR information for local agencies and the state.

Benefits and Justification:

This project will benefit the state of North Dakota by increasing the crime reporting accuracy and decreasing the personnel involved in reporting processes, freeing these individuals to focus on the business of law enforcement.

Business and Technology Goals Supported:

- Ensure effective operations.
- Improve decision making.
- Deliver timely information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	9/2/02	10/11/02	39 days	684	0
Task 2	Validate Conceptual Design	10/14/02	11/1/02	18 days	108	0
Task 3	Validate Interface Design	10/21/02	11/1/02	11 days	72	0
Task 4	Develop Conversion and Implementation Plan	11/4/02	11/8/02	4 days	26	0
Task 5	Deploy System Components	11/4/02	1/17/03	74 days	440	0
Task 6	Integrate System With Index Server	1/20/03	2/21/03	32 days	230	0
Task 7	Pilot System (Beta Version)	2/24/03	4/11/03	46 days	798	0
Task 8	Verify System Functionality and Components	4/14/03	4/18/03	4 days	70	0
Task 9	Update/Refine System Components From Pilot	4/21/03	5/9/03	18 days	150	0
Task 10	Verify Production Quality System	5/12/03	5/16/03	4 days	70	0

Task 11	Implement Systems	5/19/03	5/23/03	4 days	46	0
Task 12	Monitor System Production	5/26/03	6/20/03	25 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
UCR and IBR Repository Pilot Verified	4/18/03	185
Initial UCR and IBR Repository Interface Completed	5/23/03	190
UCR and IBR Repository Operational	5/23/03	189

Issues, Risks, and Notes:

This project represents implementing a new repository in BCI that will be utilized by the CJIS partners. The design will be guided by principles outlined in the CJIS Technology Architecture, and the structure will be based on the information provided in the CJIS Data Standards document.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: USER INFORMATION SYSTEM(UIS)		
Project Number: 4C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$162,000
FY0304	$18,000
FY0405	$18,000
FY0506	$18,000
FY0607	$18,000
FY0708	$18,000

Project Duration:

242 Days

9/2/02 to 5/2/03

Project Resources (hours):

Business Expert	1150.0
CJIS Developer	622.0
CJIS Technical Architect	180.0
CJIS Project Manager	116.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project will deploy a UIS that will be used to maintain user information on CJIS users in one repository. CJIS systems that are LDAP-compliant will use an extract from this system to the LDAP directory for user information; other systems will use the information directly from this system. The system will have an automatic LDAP population mechanism to populate the LDAP directory, but all changes and maintenance will be completed in this system to maintain compatibility with existing CJIS and partner systems.

Benefits and Justification:

The implementation of a user information system should be a key CJIS implementation priority owing to the requirement to specifically identify CJIS users by various CJIS organizations and oversight agencies. In addition, this system will provide a supportable user definition mechanism that will reduce support costs across the CJIS environment.

Business and Technology Goals Supported:

- Ensure access to information.
- Provide a standards-based environment.
- Ensure system flexibility.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop UIS Strategy and Plan	9/2/02	9/27/02	25 days	136	0
Task 2	Review Data Needs	9/30/02	10/11/02	11 days	72	0
Task 3	Develop User Information Views	10/14/02	10/25/02	11 days	112	0
Task 4	Define Requirements	10/28/02	11/8/02	11 days	228	0
Task 5	Design Look and Feel	11/11/02	11/15/02	4 days	84	0
Task 6	Review and Approve Design	11/18/02	11/22/02	4 days	34	0
Task 7	Construct Generic Web Site	11/25/02	1/17/03	53 days	352	0

Task 8	Test and Evaluate Web Site	1/20/03	1/31/03	11 days	148	0
Task 9	Test and Validate UIS to LDAP Interface	2/3/03	2/28/03	25 days	296	0
Task 10	Test and Evaluate Interface (Users)	3/3/03	3/28/03	25 days	296	0
Task 11	Update and Repair Test System	3/31/03	4/25/03	25 days	224	0
Task 12	Implement UIS to LDAP Interface	4/28/03	5/2/03	4 days	46	0
Task 13	Implement Web Site	4/28/03	5/2/03	4 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
UIS Requirements Document	11/8/02	197
UIS Pilot Complete	2/28/03	203
UIS Complete	5/2/03	208

Issues, Risks, and Notes:

Several design issues are noted in Appendix Q-1, the Security and User Database Design Packet of the Technology Architecture. The critical security issue that must be managed is interaction between the security repository and the LDAP services. Applications must be designed with the security repository in mind.

Involved Agencies:

- Information Technology Department

PROJECT: AFIS UPGRADE		
Project Number: 4D	Responsible Organization: Office of Attorney General, Bureau of C	Documentation Date: 4/16/02

Project Budget:

FY0203	$250,000
FY0304	$294,000
FY0405	$88,000
FY0506	$88,000
FY0607	$88,000
FY0708	$88,000

Project Duration:

326 Days

9/2/02 to 7/25/03

Project Resources (hours):

Business Expert	1704.0
CJIS Developer	778.0
CJIS Technical Architect	382.0
CJIS Project Manager	238.0

Project Description:

This project will upgrade the AFIS equipment to remain compliant with the BCA AFIS infrastructure that is scheduled to be upgraded in the near future. This upgrade may provide newer features on equipment offered as part of the upgrade, however, no significant process improvements are planned as part of the upgrade.

Benefits and Justification:

This project must be completed to continue to operate AFIS within North Dakota based on the Minnesota system. This provides the cost advantage of not supporting the back office AFIS equipment that Minnesota currently supports. In addition, it continues the relationship with Minnesota whereby prints can be checked against the entire library.

Business and Technology Goals Supported:

- Ensure effective operations.
- Provide responsive services.
- Deliver timely information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review System Requirements	9/2/02	10/11/02	39 days	684	0
Task 2	Validate Interface Design	10/14/02	10/25/02	11 days	72	0
Task 3	Develop Conversion and Implementation Plan	10/28/02	11/22/02	25 days	104	0
Task 4	Deploy System Components	11/25/02	1/17/03	53 days	320	0
Task 5	Integrate System With CJIS Integration Backbone	1/20/03	2/21/03	32 days	230	0
Task 6	Pilot Upgraded System (Beta Version)	2/24/03	4/18/03	53 days	912	0
Task 7	Verify System Functionality and Components	4/21/03	5/9/03	18 days	210	0
Task 8	Update/Refine System Components From Pilot	5/12/03	6/6/03	25 days	200	0
Task 9	Verify Production Quality System	6/9/03	6/20/03	11 days	140	0
Task 10	Implement Systems	6/23/03	7/25/03	32 days	230	0

Deliverables:

Deliverable	*Finish*	*Status*
AFIS Pilot Verified	5/9/03	217
AFIS Interface Completed	7/25/03	222
AFIS Systems Installed	7/25/03	221

Issues, Risks, and Notes:

Failure to upgrade the AFIS equipment will require North Dakota to install and operate a separate AFIS service with the state. The risks associated with this project is that the state is dependent on the state of Minnesota for the contracting vehicle and equipment selection for the new equipment. This is somewhat mitigated by Minnesota's desire to continue with the same vendor. In addition, any local interfaces that have been created will have to be updated.

Involved Agencies:

- Local Law Enforcement Agencies

PROJECT: PORTAL DESIGN AND SCOPE		
Project Number: 5A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$83,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

256 Days

9/2/02 to 5/16/03

Project Resources (hours):

Business Expert	1440.0
CJIS Developer	830.0
CJIS Technical Architect	168.0
CJIS Project Manager	124.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project allows the information that is established in the index, available from CJIS application and interfaces, and linked from other systems to be provided to CJIS users within a browser environment. The project will determine the site design and establish the scope of the project to ensure success. The project will deliver services developed in Project 5B.

Benefits and Justification:

The ability to see and access the information is delivered by the Web portal. This is the central element necessary to deliver the one-stop information capability of the CJIS vision for integrated justice information.

Business and Technology Goals Supported:

- Provide responsive services.
- Ensure access to information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Access Strategy and Plan	9/2/02	9/20/02	18 days	102	0
Task 2	Define Requirements	9/23/02	10/11/02	18 days	342	0
Task 3	Review Data Needs	10/14/02	10/25/02	11 days	72	0
Task 4	Develop Information Views	10/28/02	11/8/02	11 days	88	0
Task 5	Design Web Portal Interface	11/11/02	11/29/02	18 days	252	0
Task 6	Design Look and Feel	12/2/02	12/6/02	4 days	84	0
Task 7	Review and Approve Design	12/9/02	12/13/02	4 days	34	0
Task 8	Construct Generic Web Site	12/16/02	2/7/03	53 days	352	0
Task 9	Test and Evaluate Web Site	2/10/03	2/21/03	11 days	148	0
Task 10	Test and Evaluate Interface (Users)	2/24/03	3/21/03	25 days	296	0

Task 11	Update and Repair Test System	3/24/03	4/18/03	25 days	224	0
Task 12	Implement Web Site	4/21/03	4/25/03	4 days	46	0
Task 13	Develop Message Gateway Detailed Design	2/24/03	5/16/03	81 days	528	0

Deliverables:

Deliverable	*Finish*	*Status*
Requirements Document	11/8/02	229
Portal Pilot Complete	2/21/03	235
Portal Complete	4/25/03	239
Integration Backbone Specification Complete	5/16/03	241

Issues, Risks, and Notes:

The portal provides access to the master index, applications, intranets, and one-stop data in CJIS environment. Although functionally complex, the portal is the tool that the CJIS project will use to standardize and focus CJIS application and information exchange efforts. New applications should be acquired and accessed through the portal and existing applications should be extended to provide services via the portal. This provides a single maintenance point for changes to information delivery systems within the CJIS environment.

Involved Agencies:

- Information Technology Department

PROJECT: CENTRAL PUBLICATION ENGINE/MASTER INDEX		
Project Number: 5B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$123,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

270 Days

9/2/02 to 5/30/03

Project Resources (hours):

Business Expert	2770.0
CJIS Developer	1230.0
CJIS Project Manager	380.0
CJIS Technical Architect	342.0
CJIS Project Director	24.0

Project Description:

This project is one of the key CJIS projects. It will establish the index server within the CJIS technical environment, and it will also include the efforts necessary to connect information from existing system to the index. The project will develop the publication engine that will be used to display query results to CJIS users. Other projects that implement systems after this index is in place will be required to complete the interface as part of those specific implementations. In addition, a supporting messaging system will be deployed during this project to support information movement. This subsystem will form the heart of the CJIS Integration Backbone.

Benefits and Justification:

The ability to move and share the information is delivered by the central index and publication engine. These are the systems behind the Web portal necessary to deliver both the one-stop information capability and the integration components of the CJIS vision for integrated justice information.

Business and Technology Goals Supported:

- Provide responsive services.
- Ensure access to information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Central Publication Engine	9/2/02	4/25/03	235 days	1636	0
Task 1.1	Analyze and Document Requirements	9/2/02	9/20/02	18 days	342	0
Task 1.2	Review Data Needs	9/23/02	10/11/02	18 days	108	0
Task 1.3	Design Publish and Search Intranet	12/2/02	12/13/02	11 days	168	0
Task 1.4	Develop Publish and Search Intranet	12/16/02	2/21/03	67 days	360	0
Task 1.5	Test and Evaluate Beta Search Engine	2/24/03	3/21/03	25 days	296	0
Task 1.6	Update and Repair Beta Search Engine	3/10/03	4/4/03	25 days	224	0
Task 1.7	Implement First Production Release	4/7/03	4/25/03	18 days	138	0

Task 2	Design and Implement Master Index	9/2/02	5/23/03	263 days	2658	0
Task 2.1	Define Requirements	9/2/02	10/25/02	53 days	912	0
Task 2.2	Develop Conceptual Design	10/28/02	11/22/02	25 days	176	0
Task 2.3	Develop Detailed Design	12/2/02	1/24/03	53 days	352	0
Task 2.4	Develop Database and Programs	1/27/03	3/7/03	39 days	264	0
Task 2.5	Test and Evaluate System	3/10/03	4/4/03	25 days	296	0
Task 2.6	Implement Beta System	4/7/03	4/18/03	11 days	92	0
Task 2.7	Test and Evaluate System	4/21/03	5/16/03	25 days	296	0
Task 2.8	Update Beta Index Server	4/21/03	5/16/03	25 days	224	0
Task 2.9	Implement First Production Release	5/19/03	5/23/03	4 days	46	0
Task 3	Implement Message Exchange	1/27/03	5/30/03	123 days	452	0
Task 3.1	Determine Hardware Requirements for Exchange	1/27/03	2/7/03	11 days	88	0
Task 3.2	Acquire Server and Software	2/10/03	5/2/03	81 days	216	0
Task 3.3	Implement Message Exchange Hardware	5/5/03	5/9/03	4 days	46	0
Task 3.4	Implement Message Exchange Software	5/12/03	5/23/03	11 days	92	0
Task 3.5	Validate Operational Status	5/26/03	5/30/03	4 days	10	0

Deliverables:

Deliverable	*Finish*	*Status*
Search Design Complete	12/13/02	247
Pilot Search Engine	3/21/03	250
Pilot CJIS Master Index	4/18/03	261
Search Engine Implemented	4/25/03	253
Initial CJIS Master Index Implemented	5/23/03	265
Message Exchange Operational	5/30/03	272

Issues, Risks, and Notes:

The index stores key components of the information contained in the CJIS data repository and organizational operational data stores. This information is utilized to fill portal query requests, giving users a quick hit list from which additional information may be sought. In addition to the select information components, the index server contains the location in the data warehouse, or data store, where the complete information is stored.

Involved Agencies:

- Information Technology Department

PROJECT: UCR AND IBR REPOSITORY INFORMATION		
Project Number: 5C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$40,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

340 Days

9/2/02 to 8/8/03

Project Resources (hours):

Business Expert	900.0
CJIS Developer	402.0
CJIS Technical Architect	80.0
CJIS Project Manager	76.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making UCR and IBR information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from BCI's UCR and IBR repository to the CJIS index and repository so that the information is available to CJIS without adversely affecting BCI systems.

Benefits and Justification:

This project provides the ability to examine and view UCR and IBR information. This will benefit CJIS partners in that information about an incident can be researched immediately through the one-stop portal, without having to contact an individual at BCI or a particular law enforcement agency.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	9/2/02	9/13/02	11 days	72	0
Task 2	Review Data Needs	9/16/02	9/27/02	11 days	72	0
Task 3	Develop User Information Views	9/30/02	10/11/02	11 days	112	0
Task 4	Define Requirements	10/14/02	10/25/02	11 days	228	0
Task 5	Design Look and Feel	4/21/03	5/2/03	11 days	168	0
Task 6	Review and Approve Design	5/5/03	5/9/03	4 days	34	0
Task 7	Construct Generic Web Site	5/12/03	6/6/03	25 days	176	0
Task 8	Test and Evaluate Web Site	6/9/03	6/20/03	11 days	148	0
Task 9	Test and Evaluate Interface (Users)	6/23/03	7/18/03	25 days	296	0

Task 10	Update and Repair Test System	7/21/03	8/1/03	11 days	112	0
Task 11	Implement Web Site	8/4/03	8/8/03	4 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
UCR and IBR Publication Requirements Document	10/25/02	278
UCR and IBR Publication Pilot Complete	6/20/03	283
UCR and IBR Publication Complete	8/8/03	287

Issues, Risks, and Notes:

This project maximizes the functionality of the UCR and IBR repository by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The UCR and IBR information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: UCIS DATA WAREHOUSE LINK		
Project Number: 5D	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$39,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

298 Days

9/2/02 to 6/27/03

Project Resources (hours):

Business Expert	800.0
CJIS Developer	390.0
CJIS Technical Architect	98.0
CJIS Project Manager	82.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project will link the UCIS Data Warehouse to the CJIS index so that information in the warehouse is related to the CJIS environment. This project will enable information sharing from the UCIS repository through the index to CJIS users. The project will build the foundation for subsequent work on notifications and enhanced analysis capabilities in phases 3 and 4.

Benefits and Justification:

The link with the UCIS data warehouse will provide significant access to UCIS information that is not currently available to local CJIS partners. This link will make the information available and provide the ability to integrate that information with CJIS partner systems.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage existing technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	9/2/02	10/11/02	39 days	216	0
Task 2	Review Data Needs	10/14/02	10/25/02	11 days	72	0
Task 3	Develop User Information Views	10/28/02	11/8/02	11 days	112	0
Task 4	Define Requirements	12/2/02	12/13/02	11 days	228	0
Task 5	Design Look and Feel	12/16/02	12/20/02	4 days	84	0
Task 6	Review and Approve Design	12/23/02	12/27/02	4 days	34	0
Task 7	Construct Generic Web Site	12/30/02	1/24/03	25 days	176	0
Task 8	Test and Evaluate Web Site	4/28/03	5/9/03	11 days	148	0
Task 9	Test and Evaluate Interface (Users)	5/26/03	6/6/03	11 days	148	0

Task 10	Update and Repair Test System	6/9/03	6/20/03	11 days	112	0
Task 11	Implement Web Site	6/23/03	6/27/03	4 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
UCIS Warehouse Link Requirements Document	12/13/02	293
UCIS Warehouse Link Pilot Complete	5/9/03	298
UCIS Warehouse Link Complete	6/27/03	302

Issues, Risks, and Notes:

An important design consideration is the availability of the UCIS data warehouse. CJIS may have to develop a mechanism to notify a user when an indexed search reveals information that is available in the UCIS data warehouse but may not be available because of data warehouse availability. This necessity may exist in other systems as well owing to the differing nature of the operational environments within CJIS. It is not a reflection of organization issues.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- State's Attorneys

PROJECT: DISPOSITION INTERFACE		
Project Number: 6A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$31,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

144 Days

1/27/03 to 6/20/03

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

This project will provide an interface to obtain full sentence and judgment information from UCIS so that CJIS partners are not dependent on obtaining a hard copy of the sentence or judgment for the detailed information. The primary method used within this project will be a publication-level delivery mechanism; however, work completed in this project will enable subscription and further interface work that will be completed phases 2 and 3.

Benefits and Justification:

The disposition interface supports critical information exchanges between the courts, corrections, jails, State's Attorneys, and law enforcement. This is a critical component of CJIS information.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage new technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	1/27/03	2/14/03	18 days	108	0
Task 2	Determine Interface Specification	2/17/03	2/28/03	11 days	88	0
Task 3	Develop Interface Programs	3/3/03	4/4/03	32 days	280	0
Task 4	Pilot Interface	5/26/03	6/6/03	11 days	228	0
Task 5	Implement Interface	6/9/03	6/20/03	11 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Disposition Interface Specification	2/28/03	307
Disposition Interface Pilot Complete	6/6/03	310

Disposition Interface Complete	6/20/03	312

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to share information. This project may offer the opportunity to reengineer the process to take advantage of future information exchanges identified in the Technology Architecture.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- State's Attorneys

PROJECT: LOCAL LAW ENFORCEMENT TO UCR INTERFACE(S)		
Project Number: 6B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$31,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

88 Days

3/31/03 to 6/27/03

Project Resources (hours):

Business Expert	350.0
CJIS Developer	308.0
CJIS Technical Architect	60.0
CJIS Project Manager	42.0

Project Description:

The project supports the Phase 3 integration efforts by building a mechanism to move local law enforcement case information from the new common law enforcement system to other CJIS systems. This project will implement the local law enforcement-based information exchanges that are identified in the Technology Architecture.

Benefits and Justification:

The local law enforcement case information interface supports information exchanges between the local LERMS and the CJIS environment. This is an important component of CJIS UCR and IBR reporting process.

Business and Technology Goals Supported:

- Deliver timely information.
- Leverage new technology.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	3/31/03	4/11/03	11 days	72	0
Task 2	Determine Interface Specification	4/14/03	4/25/03	11 days	88	0
Task 3	Develop Interface Programs	4/28/03	5/30/03	32 days	280	0
Task 4	Pilot Interface	6/2/03	6/13/03	11 days	228	0
Task 5	Implement Interface	6/16/03	6/27/03	11 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Local Law Enforcement to UCR Interface Specification	4/25/03	316
Local Law Enforcement to UCR Interface Pilot Complete	6/13/03	319
Local Law Enforcement to UCR Interface Complete	6/27/03	321

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their partners are able to share information.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: STATUTE AND DISPOSITION MATRIX		
Project Number: 7A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$46,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

319 Days

9/2/02 to 7/18/03

Project Resources (hours):

Business Expert	2530.0
CJIS Developer	464.0
CJIS Technical Architect	294.0
CJIS Project Manager	166.0
Business Executive	22.0
CJIS Database Administrator	22.0
CJIS Technology Committee	22.0

Project Description:

This project will tackle the effort required to build a matrix that matches charging statutes, NCIC codes, and disposition charge codes so that information within the CJIS environment can be linked across the criminal justice process. This effort will be critical to accurate CJIS matching between partner systems. The information handled by CJIS must be defined so that some degree of matching is possible between various systems. This is a critical project for the North Dakota CJIS effort. Although almost entirely a manual business process issue, implementing a matrix that crosswalks charging and disposition codes will facilitate supporting electronic subsystems that link critical data between systems in the justice community.

Benefits and Justification:

Current charge and disposition matching requires a decision by a knowledgeable person because of differing codes used by different process within the CJIS environment. Once established, this matrix will eliminate that confusion and allow the information to be moved automatically between partner systems.

Business and Technology Goals Supported:

- Ensure effective operations.
- Provide a standards-based environment.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Matrix Requirements	9/2/02	10/11/02	39 days	684	0
Task 2	Validate Conceptual Design	10/14/02	11/1/02	18 days	108	0
Task 3	Develop Conversion and Implementation Plan	11/4/02	11/8/02	4 days	26	0
Task 4	Develop Matrix	11/4/02	1/17/03	74 days	1298	0
Task 5	Integrate System With Index Server	1/20/03	2/21/03	32 days	230	0
Task 6	Pilot System (Beta Version)	3/24/03	5/9/03	46 days	798	0
Task 7	Verify System Functionality and Components	5/12/03	5/16/03	4 days	70	0

Task 8	Update/Refine System Components From Pilot	5/19/03	6/6/03	18 days	150	0
Task 9	Verify Production Quality System	6/9/03	6/13/03	4 days	70	0
Task 10	Implement Related Subsystems	6/16/03	6/20/03	4 days	46	0
Task 11	Monitor Production Subsystems	6/23/03	7/18/03	25 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
Statute and Disposition Matrix Developed	1/17/03	328
Statute and Disposition Matrix Pilot Verified	5/16/03	332
Statute and Disposition Matrix Interfaces Completed	6/20/03	337
Statute and Disposition Matrix Operational	6/20/03	336

Issues, Risks, and Notes:

This effort will be business expert-intensive to establish the links between process information and systems.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- State's Attorneys

PROJECT: ACCESS AND SECURITY POLICY		
Project Number: 7B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$84,000
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

193 Days

9/2/02 to 3/14/03

Project Resources (hours):

Business Expert	8400.0
CJIS Developer	840.0
CJIS Network Technician	440.0
CJIS Project Manager	336.0
CJIS Technical Architect	220.0

Project Description:

This project will review the security audit and determine the security and access policies that will apply to the CJIS environment. This effort will be the critical first step in defining the access requirements that will satisfy partner and oversight organization security and access concerns within the CJIS environment. These policies include juvenile records, retention issues, security and dissemination, remote access, and general records management issues.

Benefits and Justification:

This Phase 1 project will establish the policy necessary to implement the security and audit projects, 3C and 3D. The impact of the auditing and logging system will be evident in two conditions: tracking unauthorized use of information and assisting with system access and performance problems.

Business and Technology Goals Supported:

- Ensure access to information.
- Ensure privacy and accuracy.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Records Collection and Dissemination Policy	9/2/02	11/22/02	81 days	1368	0
Task 2	Define Records Management Policy	9/2/02	10/25/02	53 days	912	0
Task 3	Clarify Juvenile Records/Information Access Policies	11/25/02	2/14/03	81 days	1368	0
Task 4	Define and Maintain Information Exchanges Policy Model	11/25/02	3/14/03	109 days	1824	0
Task 5	Define Security Policies	11/25/02	2/28/03	95 days	1596	0
Task 6	Define Network Security Rules	11/25/02	1/3/03	39 days	864	0
Task 7	Define Account Rules	1/6/03	1/17/03	11 days	288	0
Task 8	Define Internet Access Policies	1/6/03	2/28/03	53 days	1152	0
Task 9	Define Security Rules for Remote Access	1/6/03	1/17/03	11 days	288	0

Task 10	Define Security Rules for Wireless Access	1/6/03	1/31/03	25 days	576	0

Deliverables:

Deliverable	*Finish*	*Status*
Updated Policy Manuals	3/14/03	351
Security Policies Defined	3/14/03	350

Issues, Risks, and Notes:

The policies should be established to ensure access and meet security and control requirements. Clear audit rules must be outlined within CJIS policies and system documentation, and audit testing should occur periodically once the auditing and logging system is implemented.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: SECURITY SUBSYSTEM ENHANCEMENT		
Project Number: 8A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$90,000
FY0405	$28,000
FY0506	$31,000
FY0607	$34,000
FY0708	$28,000

Project Duration:

139 Days

7/1/03 to 11/17/03

Project Resources (hours):

Business Expert	480.0
CJIS Developer	328.0
CJIS Project Manager	232.0
CJIS Technical Architect	212.0
CJIS Network Technician	88.0
CJIS Project Director	24.0

Project Description:

This project will develop specific security enhancements to allow the expanded use of the CJIS environment to all CJIS partners. This project provides the physical components that will support the complete CJIS vision not possible within the Phase 1 security implementation. In addition, this project focuses on integrating security tools with the ITD network management systems and implementing a CJIS-specific Intrusion Detection System (IDS).

Benefits and Justification:

The CJIS projects are dependent on clear security mechanisms. The security audit and security plan completed in Project 3A, detailed the work that must be completed to meet the security design of the CJIS environment. This project will implement the additional portions of the security subsystem that were not completed in Project 3C.

Business and Technology Goals Supported:

- Ensure access to information.
- Ensure privacy and accuracy.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Integrate Security Tools With Network Management Syste	7/1/03	7/28/03	27 days	546	0
Task 1.1	Determine Integration Requirements	7/1/03	7/14/03	13 days	88	0
Task 1.2	Integrate Services	7/1/03	7/28/03	27 days	184	0
Task 1.3	Test and Evaluate Integrated Services	7/1/03	7/21/03	20 days	222	0
Task 1.4	Adjust and Finalize Security Integration	7/1/03	7/14/03	13 days	52	0
Task 2	Implement Intrusion Detection System (IDS)	7/1/03	11/17/03	139 days	818	0
Task 2.1	Determine IDS Requirements	7/1/03	7/14/03	13 days	88	0
Task 2.2	Acquire IDS Infrastructure	7/15/03	10/6/03	83 days	216	0

Task 2.3	Deploy IDS Infrastructure	9/23/03	10/20/03	27 days	240	0
Task 2.4	Test and Evaluate IDS	10/14/03	11/3/03	20 days	222	0
Task 2.5	Adjust and Finalize IDS	11/4/03	11/17/03	13 days	52	0

Deliverables:

Deliverable	*Finish*	*Status*
Network Management Integrated With Security	7/1/03	360
IDS Complete	11/17/03	367

Issues, Risks, and Notes:

Several design issues are noted in Appendix P-5, the Security Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: VPN INFRASTRUCTURE PILOT		
Project Number: 8B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$62,000
FY0405	$4,000
FY0506	$4,000
FY0607	$4,000
FY0708	$4,000

Project Duration:

69 Days

7/1/03 to 9/8/03

Project Resources (hours):

CJIS Developer	372.0
Business Expert	360.0
CJIS Network Technician	232.0
CJIS Technical Architect	230.0
CJIS Project Manager	166.0

Project Description:

The CJIS environment will deploy a VPN solution in Phase 3. This project focuses on testing the VPN options and selecting a solution to pilot within a defined scope. The focus of the pilot will be to ensure that the availability of the solution will meet CJIS needs and that the end-to-end security meet CJIS requirements.

Benefits and Justification:

The VPN pilot will deploy critical connectivity to areas that do not have low-cost connection options to the CJIS environment. Without this project, local agencies face significantly higher connection costs and overall connectivity restrictions.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Analyze VPN Requirements	7/1/03	7/21/03	20 days	78	0
Task 2	Conduct Joint VPN Review Session	7/1/03	7/7/03	6 days	126	0
Task 3	Reconcile VPN Requirements	7/1/03	7/14/03	13 days	52	0
Task 4	Design VPN System	7/1/03	8/4/03	34 days	130	0
Task 5	Develop VPN Pilot System	7/1/03	9/8/03	69 days	600	0
Task 6	Conduct User Testing	7/1/03	7/28/03	27 days	296	0
Task 7	Correct User Testing Reports	7/1/03	7/7/03	6 days	44	0
Task 8	Certify Pilot VPN System	7/1/03	7/7/03	6 days	34	0

Deliverables:

Deliverable	*Finish*	*Status*

VPN Pilot System Certified	7/1/03	379
Pilot VPN Installation Complete	7/1/03	375
Document VPN Requirements	7/1/03	372

Issues, Risks, and Notes:

Several design issues are noted in Appendix P-5, the Security Design Packet of the Technology Architecture.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: COMMON JAIL APPLICATION		
Project Number: 9A	Responsible Organization: Local Law Enforcement Agencies	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$266,000
FY0405	$185,000
FY0506	$61,000
FY0607	$61,000
FY0708	$61,000

Project Duration:

328 Days

7/1/03 to 5/24/04

Project Resources (hours):

Business Expert	1566.0
CJIS Developer	662.0
CJIS Project Manager	312.0
CJIS Technical Architect	272.0
Business Executive	4.0
CJIS Project Director	4.0

Project Description:

This project will deploy a common jail application to all local jail or detention facilities that house individuals. This system will provide basic tracking and demographic information so that the CJIS environment is aware of individuals who are detained by CJIS partners. This capability will provide simple-to-use methods that may be utilized by integration processes implemented in later CJIS projects that simplify the overall criminal justice process.

Benefits and Justification:

A critical information need identified during the planning effort was the ability to find someone that might be in custody in a local facility in North Dakota. This application will deliver a system that provides the local agencies with a management system that will share in-custody information with the CJIS environment. Without this system, in-custody status information will not be available.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage new technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	7/1/03	8/11/03	41 days	684	0
Task 2	Develop RFP	8/12/03	8/25/03	13 days	36	0
Task 3	Post RFP and Solicit Proposals	8/26/03	9/29/03	34 days	60	0
Task 4	Review and Evaluate Proposals	9/30/03	10/20/03	20 days	270	0
Task 5	Negotiate Contract	10/21/03	11/3/03	13 days	48	0
Task 6	Validate Conceptual Design	11/4/03	11/24/03	20 days	108	0
Task 7	Validate Interface Design	11/18/03	11/24/03	6 days	36	0
Task 8	Develop Conversion and Implementation Plan	11/25/03	12/1/03	6 days	26	0

Task 9	Deploy System Components	11/25/03	2/16/04	83 days	480	0
Task 10	Integrate System With Index Server	1/13/04	2/16/04	34 days	230	0
Task 11	Pilot System (Beta Version)	2/17/04	3/15/04	27 days	456	0
Task 12	Verify System Functionality and Components	3/16/04	3/22/04	6 days	80	0
Task 13	Update/Refine System Components From Pilot	3/23/04	4/12/04	20 days	150	0
Task 14	Verify Production Quality System	4/13/04	4/19/04	6 days	70	0
Task 15	Implement Systems	4/20/04	4/26/04	6 days	46	0
Task 16	Monitor System Production	4/27/04	5/24/04	27 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
Local Jail System Pilot Verified	3/22/04	394
Initial Local Jail System Interface Completed	4/26/04	399
Local Jail System Software Installed	4/26/04	398

Issues, Risks, and Notes:

It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture.

Involved Agencies:

- North Dakota CJIS Project
- Department of Corrections and Rehabilitation
- Information Technology Department

PROJECT: COMMON STATES ATTORNEY APPLICATION		
Project Number: 9B	Responsible Organization: State's Attorneys	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$319,000
FY0405	$44,000
FY0506	$44,000
FY0607	$44,000
FY0708	$44,000

Project Duration:

335 Days

7/1/03 to 5/31/04

Project Resources (hours):

Business Expert	1848.0
CJIS Developer	686.0
CJIS Project Manager	364.0
CJIS Technical Architect	282.0
Business Executive	8.0
CJIS Project Director	8.0

Project Description:

This project will implement a common State's Attorney system. Building on current work conducted by the State's Attorney Association, this project will design, acquire, and implement a solution that will meet State's Attorney needs. Although offices that currently have a system may not adopt the system, the deployment will made available to all State's Attorneys in North Dakota. Optional interfaces to other unique case management systems will be deployed in Project 11A in Phase 2. It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system.

Benefits and Justification:

The common State's Attorney system will provide needed functionality to the State's Attorneys in North Dakota. In addition, benefit will be derived from the ability to move information between this system and the CJIS partner systems.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage new technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	7/1/03	8/11/03	41 days	684	0
Task 2	Develop RFP	7/29/03	8/11/03	13 days	36	0
Task 3	Post RFP and Solicit Proposals	8/12/03	9/15/03	34 days	60	0
Task 4	Review and Evaluate Proposals	9/16/03	10/6/03	20 days	270	0
Task 5	Negotiate Contract	10/7/03	11/3/03	27 days	96	0
Task 6	Validate Conceptual Design	10/28/03	11/17/03	20 days	108	0
Task 7	Validate Interface Design	11/4/03	11/17/03	13 days	72	0

Task 8	Develop Conversion and Implementation Plan	11/18/03	11/24/03	6 days	26	0
Task 9	Deploy System Components	11/18/03	2/2/04	76 days	440	0
Task 10	Integrate System With Index Server	12/30/03	2/2/04	34 days	230	0
Task 11	Pilot System (Beta Version)	2/3/04	3/22/04	48 days	798	0
Task 12	Verify System Functionality and Components	3/23/04	3/29/04	6 days	70	0
Task 13	Update/Refine System Components From Pilot	3/30/04	4/19/04	20 days	150	0
Task 14	Verify Production Quality System	4/20/04	4/26/04	6 days	70	0
Task 15	Implement Systems	4/27/04	5/3/04	6 days	46	0
Task 16	Monitor System Production	5/4/04	5/31/04	27 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
ACMS Pilot Verified	3/29/04	414
Initial ACMS Interface Completed	5/3/04	419
ACMS Software Installed	5/3/04	418

Issues, Risks, and Notes:

It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture, specifically the design described in Appendix M-1, the Application Design Packet. This effort is priority for the State's Attorneys Association.

Involved Agencies:

- North Dakota CJIS Project
- Information Technology Department
- State's Attorneys

PROJECT: SEX OFFENDER REGISTRY (SOR)		
Project Number: 10A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$38,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

160 Days

7/1/03 to 12/8/03

Project Resources (hours):

Business Expert	760.0
CJIS Developer	378.0
CJIS Technical Architect	86.0
CJIS Project Manager	74.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project will extend current SOR information to the entire CJIS publication system. This project will maximize existing work within a CJIS context so that the information is available within the CJIS paradigm and the sex offender system becomes part of the CJIS environment.

Benefits and Justification:

This project will benefit the justice community by making SOR information available as part of routine CJIS queries through the master search mechanism. This will allow a more complete view of an individual that is in the registry and other databases that are not currently linked.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage existing technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	7/1/03	7/28/03	27 days	144	0
Task 2	Review Data Needs	7/29/03	8/11/03	13 days	72	0
Task 3	Develop User Information Views	8/12/03	8/25/03	13 days	112	0
Task 4	Define Requirements	8/26/03	9/8/03	13 days	228	0
Task 5	Design Look and Feel	9/9/03	9/15/03	6 days	84	0
Task 6	Review and Approve Design	9/16/03	9/22/03	6 days	34	0
Task 7	Construct Generic Web Site	9/23/03	10/20/03	27 days	176	0
Task 8	Test and Evaluate Web Site	10/21/03	11/3/03	13 days	148	0
Task 9	User Test and Evaluate Interface	11/4/03	11/17/03	13 days	148	0
Task 10	Update and Repair Test System	11/18/03	12/1/03	13 days	112	0

Task 11	Implement Web Site	12/2/03	12/8/03	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
SOR Requirements Document	9/8/03	427
SOR Pilot Complete	11/3/03	432
SOR Complete	12/8/03	436

Issues, Risks, and Notes:

This project maximizes current work by extended it to the CJIS portal and making that information within the CJIS environment as well as the existing access points. It is important to note that the existing access point may eventually be discontinued once the CJIS environment is fully in place. This will minimize support requirements.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department

PROJECT: JAIL INFORMATION		
Project Number: 10B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$55,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

377 Days

7/1/03 to 7/12/04

Project Resources (hours):

Business Expert	980.0
CJIS Developer	554.0
CJIS Technical Architect	106.0
CJIS Project Manager	94.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project will make information from the common jail application available to the CJIS environment for search and query capabilities. The effort will allow a statewide search on jail information to find individuals who may be in custody in a neighboring jurisdiction. It will also provide the framework that will be used in subsequent projects to provide notification and subscription capabilities to CJIS users.

Benefits and Justification:

This project provides the capability to examine and view information in the common jail application. This will benefit CJIS partners in that information about a suspect can be researched immediately through the one-stop portal without having to contact an individual at the local facility.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage existing technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	7/1/03	7/28/03	27 days	144	0
Task 2	Review Data Needs	7/29/03	8/11/03	13 days	72	0
Task 3	Develop User Information Views	8/12/03	8/25/03	13 days	112	0
Task 4	Define Requirements	8/26/03	9/8/03	13 days	228	0
Task 5	Design Look and Feel	9/9/03	9/15/03	6 days	84	0
Task 6	Review and Approve Design	9/16/03	9/22/03	6 days	34	0
Task 7	Construct Generic Web Site	9/23/03	11/17/03	55 days	352	0
Task 8	Test and Evaluate Web Site	4/27/04	5/10/04	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	5/11/04	6/7/04	27 days	296	0

Task 10	Update and Repair Test System	6/8/04	7/5/04	27 days	224	0
Task 11	Implement Web Site	7/6/04	7/12/04	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Jail Publication Requirements Document	9/8/03	442
Jail Publication Pilot Complete	5/10/04	447
Jail Publication Complete	7/12/04	451

Issues, Risks, and Notes:

This project maximizes implementation of the common jail application by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The jail information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- State's Attorneys

PROJECT: PROTECTION ORDER AND WARRANT INFORMATION		
Project Number: 10C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$39,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

174 Days

7/1/03 to 12/22/03

Project Resources (hours):

Business Expert	880.0
CJIS Developer	394.0
CJIS Technical Architect	90.0
CJIS Project Manager	82.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making the protection order and warrant information available to the CJIS community. This project will utilize the work currently under way in North Dakota to streamline the protection order processes and enhance the procedures to share the information with CJIS. This will also be tied into existing warrants processes so that a CJIS query will result in the same protection order or warrant information results as other North Dakota systems, such as NDLETS.

Benefits and Justification:

This project provides the ability to examine and view information on protection orders and warrants. This will benefit CJIS partners in that information about a subject or order can be researched immediately through the one-stop portal, without having to contact an individual at the court or state's attorneys office.

Business and Technology Goals Supported:

- Improve decision making.
- Improve criminal justice staff safety.
- Deliver timely information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	7/1/03	7/28/03	27 days	144	0
Task 2	Review Data Needs	7/29/03	8/11/03	13 days	72	0
Task 3	Develop User Information Views	8/12/03	8/25/03	13 days	112	0
Task 4	Define Requirements	8/26/03	9/8/03	13 days	228	0
Task 5	Design Look and Feel	9/9/03	9/15/03	6 days	84	0
Task 6	Review and Approve Design	9/16/03	9/22/03	6 days	34	0
Task 7	Construct Generic Web Site	9/23/03	10/20/03	27 days	176	0
Task 8	Test and Evaluate Web Site	10/21/03	11/3/03	13 days	148	0

Task 9	Test and Evaluate Interface (Users)	11/4/03	12/1/03	27 days	296	0
Task 10	Update and Repair Test System	12/2/03	12/15/03	13 days	112	0
Task 11	Implement Web Site	12/16/03	12/22/03	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Protection Order and Warrant Publication Requirements Document	9/8/03	457
Protection Order and Warrant Publication Pilot Complete	11/3/03	462
Protection Order and Warrant Publication Complete	12/22/03	466

Issues, Risks, and Notes:

This project maximizes protection orders and warrant information by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The protection orders and warrant information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Office of Management and Budget (State Radio)

PROJECT: COURT CALENDARS INFORMATION		
Project Number: 10D	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$49,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

174 Days

9/23/03 to 3/15/04

Project Resources (hours):

Business Expert	780.0
CJIS Developer	486.0
CJIS Technical Architect	86.0
CJIS Project Manager	74.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making court calendar information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from UCIS to the CJIS index and repository so that the information is available to CJIS without adversely affecting UCIS.

Benefits and Justification:

This project provides the capability to examine and view court calendar information in UCIS. This will benefit CJIS partners in that information about a calendar event can be researched immediately through the one-stop portal, without having to contact an individual in the courts.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	9/23/03	10/6/03	13 days	72	0
Task 2	Review Data Needs	10/7/03	10/20/03	13 days	72	0
Task 3	Develop User Information Views	10/21/03	11/17/03	27 days	224	0
Task 4	Define Requirements	11/18/03	12/1/03	13 days	228	0
Task 5	Design Look and Feel	12/2/03	12/8/03	6 days	84	0
Task 6	Review and Approve Design	12/9/03	12/15/03	6 days	34	0
Task 7	Construct Generic Web Site	12/16/03	1/26/04	41 days	264	0
Task 8	Test and Evaluate Web Site	1/27/04	2/9/04	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	2/10/04	2/23/04	13 days	148	0
Task 10	Update and Repair Test System	2/24/04	3/8/04	13 days	112	0

Task 11	Implement Web Site	3/9/04	3/15/04	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Court Calendar Publication Requirements Document	12/1/03	472
Court Calendar Publication Pilot Complete	2/9/04	477
Court Calendar Publication Complete	3/15/04	481

Issues, Risks, and Notes:

This project maximizes current functionality of UCIS by extending court calendar information to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The court calendar information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- State's Attorneys

PROJECT: VEHICLE REGISTRATION INFORMATION		
Project Number: 10E	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$37,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

146 Days

3/16/04 to 8/9/04

Project Resources (hours):

Business Expert	720.0
CJIS Developer	366.0
CJIS Technical Architect	74.0
CJIS Project Manager	66.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making the vehicle registration information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from DOT's VRTS to the CJIS index and repository so that the information is available to CJIS without adversely affecting VRTS.

Benefits and Justification:

This project provides the ability to examine and view information in the VRTS. This will benefit CJIS partners in that information about an individual or a registration can be researched immediately through the one-stop portal, without having to contact an individual at the DOT.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	3/16/04	3/29/04	13 days	72	0
Task 2	Review Data Needs	3/30/04	4/12/04	13 days	72	0
Task 3	Develop User Information Views	4/13/04	4/26/04	13 days	112	0
Task 4	Define Requirements	4/27/04	5/10/04	13 days	228	0
Task 5	Design Look and Feel	5/11/04	5/17/04	6 days	84	0
Task 6	Review and Approve Design	5/18/04	5/24/04	6 days	34	0
Task 7	Construct Generic Web Site	5/25/04	6/21/04	27 days	176	0
Task 8	Test and Evaluate Web Site	6/22/04	7/5/04	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	7/6/04	7/19/04	13 days	148	0

Task 10	Update and Repair Test System	7/20/04	8/2/04	13 days	112	0
Task 11	Implement Web Site	8/3/04	8/9/04	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Vehicle Registration Publication Requirements Document	5/10/04	487
Vehicle Registration Publication Pilot Complete	7/5/04	492
Vehicle Registration Publication Complete	8/9/04	496

Issues, Risks, and Notes:

This project maximizes current functionality of DOT systems by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The registration information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Department of Transportation
- Information Technology Department

PROJECT: CCH PUBLICATION		
Project Number: 10F	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$37,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

146 Days

12/23/03 to 5/17/04

Project Resources (hours):

Business Expert	720.0
CJIS Developer	366.0
CJIS Technical Architect	72.0
CJIS Project Manager	66.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making CCH information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from CCH to the CJIS index and repository so that the information is available to CJIS without adversely affecting CCH systems.

Benefits and Justification:

This project provides the ability to examine and view information in the CCH. This will benefit CJIS partners in that information about an individual can be researched immediately through the one-stop portal, without having to contact an individual at BCI.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	12/23/03	1/5/04	13 days	72	0
Task 2	Review Data Needs	1/6/04	1/12/04	6 days	36	0
Task 3	Develop User Information Views	1/13/04	1/26/04	13 days	112	0
Task 4	Define Requirements	1/27/04	2/2/04	6 days	114	0
Task 5	Design Look and Feel	2/3/04	2/9/04	6 days	84	0
Task 6	Review and Approve Design	2/10/04	2/16/04	6 days	34	0
Task 7	Construct Generic Web Site	2/17/04	3/15/04	27 days	176	0
Task 8	Test and Evaluate Web Site	3/16/04	3/29/04	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	3/30/04	4/26/04	27 days	296	0

Task 10	Update and Repair Test System	4/27/04	5/10/04	13 days	112	0
Task 11	Implement Web Site	5/11/04	5/17/04	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
CCH Publication Requirements Document	2/2/04	502
CCH Publication Pilot Complete	3/29/04	507
CCH Publication Complete	5/17/04	511

Issues, Risks, and Notes:

This project maximizes functionality of the CCH systems by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The CCH Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: COURT ORDER INFORMATION		
Project Number: 10G	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$55,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

216 Days

11/4/03 to 6/7/04

Project Resources (hours):

Business Expert	980.0
CJIS Developer	554.0
CJIS Technical Architect	106.0
CJIS Project Manager	94.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making court order information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from UCIS to the CJIS index and repository so that the information is available to CJIS without adversely affecting UCIS.

Benefits and Justification:

This project provides the ability to examine and view information in UCIS. This will benefit CJIS partners in that information about a court order can be researched immediately through the one-stop portal, without having to contact an individual in the courts.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	11/4/03	12/1/03	27 days	144	0
Task 2	Review Data Needs	12/2/03	12/15/03	13 days	72	0
Task 3	Develop User Information Views	12/16/03	12/29/03	13 days	112	0
Task 4	Define Requirements	12/30/03	1/12/04	13 days	228	0
Task 5	Design Look and Feel	1/13/04	1/19/04	6 days	84	0
Task 6	Review and Approve Design	1/20/04	1/26/04	6 days	34	0
Task 7	Construct Generic Web Site	1/27/04	3/22/04	55 days	352	0
Task 8	Test and Evaluate Web Site	3/23/04	4/5/04	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	4/6/04	5/3/04	27 days	296	0
Task 10	Update and Repair Test System	5/4/04	5/31/04	27 days	224	0

Task 11	Implement Web Site	6/1/04	6/7/04	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Court Order Publication Requirements Document	1/12/04	517
Court Order Publication Pilot Complete	4/5/04	522
Court Order Publication Complete	6/7/04	526

Issues, Risks, and Notes:

This project maximizes current functionality of UCIS by extending court order information to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The court order information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- State's Attorneys

PROJECT: UCIS CASE INFORMATION		
Project Number: 10H	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$31,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

125 Days

7/1/03 to 11/3/03

Project Resources (hours):

Business Expert	590.0
CJIS Developer	310.0
CJIS Technical Architect	64.0
CJIS Project Manager	56.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making UCIS case information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from UCIS to the CJIS index and repository so that the information is available to CJIS without adversely affecting UCIS.

Benefits and Justification:

This project provides the capability to examine and view information in UCIS. This will benefit CJIS partners in that information about an individual can be researched immediately through the one-stop portal, without having to contact an individual in the courts.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	7/1/03	7/14/03	13 days	72	0
Task 2	Review Data Needs	7/15/03	7/21/03	6 days	36	0
Task 3	Develop User Information Views	7/22/03	7/28/03	6 days	56	0
Task 4	Define Requirements	7/29/03	8/4/03	6 days	114	0
Task 5	Design Look and Feel	8/5/03	8/11/03	6 days	84	0
Task 6	Review and Approve Design	8/12/03	8/18/03	6 days	34	0
Task 7	Construct Generic Web Site	8/19/03	9/15/03	27 days	176	0
Task 8	Test and Evaluate Web Site	9/16/03	9/29/03	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	9/30/03	10/13/03	13 days	148	0
Task 10	Update and Repair Test System	10/14/03	10/27/03	13 days	112	0

Task 11	Implement Web Site	10/28/03	11/3/03	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
UCIS Case Information Publication Requirements Document	8/4/03	532
UCIS Case Information Publication Pilot Complete	9/29/03	537
UCIS Case Information Publication Complete	11/3/03	541

Issues, Risks, and Notes:

This project maximizes current functionality of UCIS by extending case information to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The UCIS case information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- State's Attorneys

PROJECT: STATE'S ATTORNEY CASE INFORMATION		
Project Number: 11A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$31,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

9/9/03 to 12/15/03

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

The project supports the Phase 2 integration efforts by building a mechanism to move State's Attorney case information from the new State's Attorney system to other CJIS systems. This project will implement the State's Attorney-based information exchanges that are identified in the Technology Architecture.

Benefits and Justification:

The state's attorney case information interface supports critical information exchanges between the state's attorneys and their CJIS partners, courts, corrections, jails, and law enforcement. This is a critical component of CJIS information.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage new technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	9/9/03	9/29/03	20 days	108	0
Task 2	Determine Interface Specification	9/30/03	10/13/03	13 days	88	0
Task 3	Develop Interface Programs	10/14/03	11/17/03	34 days	280	0
Task 4	Pilot Interface	11/18/03	12/1/03	13 days	228	0
Task 5	Implement Interface	12/2/03	12/15/03	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
State's Attorney Case Information Interface Specification	10/13/03	546
State's Attorney Case Information Interface Pilot Complete	12/1/03	549
State's Attorney Case Information Interface Complete	12/15/03	551

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to share information.

Involved Agencies:

- Information Technology Department
- State's Attorneys

PROJECT: VICTIM NOTIFICATION		
Project Number: 11B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$31,000
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

7/1/03 to 10/6/03

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

This project will provide an interface to victim notification information from CJIS partners and make that information to advocates within North Dakota. The primary method used within this project will be a publication-level delivery mechanism; however, work completed in this project will enable subscription and further interface work that will be completed phases 2 and 3. In addition, the option of using DOC's VINE system will be explored as an additional notification capability.

Benefits and Justification:

The victim notification interface supports notification information exchanges between the victim advocates and victims and the justice community of the courts, corrections, jails, State's Attorneys, and law enforcement. This is a critical component of improving victim notification.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage new technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	7/1/03	7/21/03	20 days	108	0
Task 2	Determine Interface Specification	7/22/03	8/4/03	13 days	88	0
Task 3	Develop Interface Programs	8/5/03	9/8/03	34 days	280	0
Task 4	Pilot Interface	9/9/03	9/22/03	13 days	228	0
Task 5	Implement Interface	9/23/03	10/6/03	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Victim Notification Specification	8/4/03	555

Victim Notification Pilot Complete	9/22/03	558
Victim Notification Interface Complete	10/6/03	560

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to share information.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: COMMON FIELD REPORTING APPLICATION		
Project Number: 12A	Responsible Organization: Local Law Enforcement Agencies	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$221,000
FY0506	$366,000
FY0607	$298,000
FY0708	$123,000

Project Duration:

307 Days

9/9/04 to 7/13/05

Project Resources (hours):

Business Expert	1648.0
CJIS Developer	628.0
CJIS Project Manager	340.0
CJIS Technical Architect	250.0
Business Executive	8.0
CJIS Project Director	8.0

Project Description:

This project will provide a local field reporting application capable of collecting law enforcement incident reports, accident reports, field contact information, and other critical information collected in the field. This application will operate in a remote and a disconnected mode so that agencies that have wireless capabilities will be able to send reports through the wireless connection. Those agencies that do not have this capability or units that are out of coverage will have the ability to upload the data via disk.

Benefits and Justification:

This project delivers the system to enable local law enforcement agencies to collect the information about an incident or an individual that generally starts the entire criminal justice process.

Business and Technology Goals Supported:

- Ensure access to information.
- Implement cost effective systems.
- Provide a standards-based environment.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	9/9/04	10/20/04	41 days	684	0
Task 2	Develop RFP	10/21/04	11/3/04	13 days	36	0
Task 3	Post RFP and Solicit Proposals	11/4/04	12/8/04	34 days	60	0
Task 4	Review and Evaluate Proposals	12/9/04	12/29/04	20 days	270	0
Task 5	Negotiate Contract	12/30/04	1/26/05	27 days	96	0
Task 6	Validate Conceptual Design	1/27/05	2/16/05	20 days	108	0
Task 7	Validate Interface Design	2/3/05	2/16/05	13 days	72	0
Task 8	Develop Conversion and Implementation Plan	2/17/05	2/23/05	6 days	26	0
Task 9	Deploy System Components	2/17/05	3/30/05	41 days	240	0
Task 10	Integrate System With Index Server	2/17/05	3/23/05	34 days	230	0

Task 11	Pilot System (Beta Version)	3/24/05	5/4/05	41 days	684	0
Task 12	Verify System Functionality and Components	5/5/05	5/11/05	6 days	70	0
Task 13	Update/Refine System Components From Pilot	5/12/05	6/1/05	20 days	150	0
Task 14	Verify Production Quality System	6/2/05	6/8/05	6 days	70	0
Task 15	Implement Systems	6/9/05	6/15/05	6 days	46	0
Task 16	Monitor System Production	6/16/05	7/13/05	27 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
Field Reporting Pilot Verified	5/11/05	576
Initial Field Reporting Interface Completed	6/15/05	581
Field Reporting Software Installed	6/15/05	580

Issues, Risks, and Notes:

An important issue to remember is that this project provides the application, not the hardware to enable field reporting. Agencies will be required to provide their own hardware to utilize this application. It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture, specifically the design described in Appendix M-1, the Application Design Packet.

Involved Agencies:

- North Dakota CJIS Project
- Information Technology Department
- North Dakota Highway Patrol

PROJECT: DOCSTARS INFORMATION		
Project Number: 13A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$37,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

146 Days

7/1/04 to 11/24/04

Project Resources (hours):

Business Expert	720.0
CJIS Developer	366.0
CJIS Technical Architect	74.0
CJIS Project Manager	66.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making the DOCSTARS information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from DOCSTARS to the CJIS index and repository so that the information is available to CJIS without adversely affecting DOCSTARS.

Benefits and Justification:

This project provides the ability to examine and view information in DOCSTARS. This will benefit CJIS partners in that information about a supervised individual can be researched immediately through the one-stop portal, without having to contact an individual at the local parole or probation officer.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	7/1/04	7/14/04	13 days	72	0
Task 2	Review Data Needs	7/15/04	7/28/04	13 days	72	0
Task 3	Develop User Information Views	7/29/04	8/11/04	13 days	112	0
Task 4	Define Requirements	8/12/04	8/25/04	13 days	228	0
Task 5	Design Look and Feel	8/26/04	9/1/04	6 days	84	0
Task 6	Review and Approve Design	9/2/04	9/8/04	6 days	34	0
Task 7	Construct Generic Web Site	9/9/04	10/6/04	27 days	176	0
Task 8	Test and Evaluate Web Site	10/7/04	10/20/04	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	10/21/04	11/3/04	13 days	148	0

Task 10	Update and Repair Test System	11/4/04	11/17/04	13 days	112	0
Task 11	Implement Web Site	11/18/04	11/24/04	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
DOCSTARS Publication Requirements Document	8/25/04	589
DOCSTARS Publication Pilot Complete	10/20/04	594
DOCSTARS Publication Complete	11/24/04	598

Issues, Risks, and Notes:

This project maximizes current functionality of DOCSTARS by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The DOCSTARS information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Department of Corrections and Rehabilitation
- Information Technology Department

PROJECT: TAG INFORMATION		
Project Number: 13B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$37,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

146 Days

11/25/04 to 4/20/05

Project Resources (hours):

Business Expert	720.0
CJIS Developer	366.0
CJIS Technical Architect	74.0
CJIS Project Manager	66.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making the TAG information available to the CJIS community. The effort involves establishing a mechanism to routinely transfer information from TAG to the CJIS index and repository so that the information is available to CJIS without adversely affecting TAG.

Benefits and Justification:

This project provides the ability to examine and view information in TAG. This will benefit CJIS partners in that information about an offender can be researched immediately through the one-stop portal, without having to contact an individual at the DOCR.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	11/25/04	12/8/04	13 days	72	0
Task 2	Review Data Needs	12/9/04	12/22/04	13 days	72	0
Task 3	Develop User Information Views	12/23/04	1/5/05	13 days	112	0
Task 4	Define Requirements	1/6/05	1/19/05	13 days	228	0
Task 5	Design Look and Feel	1/20/05	1/26/05	6 days	84	0
Task 6	Review and Approve Design	1/27/05	2/2/05	6 days	34	0
Task 7	Construct Generic Web Site	2/3/05	3/2/05	27 days	176	0
Task 8	Test and Evaluate Web Site	3/3/05	3/16/05	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	3/17/05	3/30/05	13 days	148	0
Task 10	Update and Repair Test System	3/31/05	4/13/05	13 days	112	0

Task 11	Implement Web Site	4/14/05	4/20/05	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
TAG Publication Requirements Document	1/19/05	604
TAG Publication Pilot Complete	3/16/05	609
TAG Publication Complete	4/20/05	613

Issues, Risks, and Notes:

This project maximizes current functionality of TAG by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The TAG information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Department of Corrections and Rehabilitation
- Information Technology Department

PROJECT: DRIVER ABSTRACT INFORMATION AND PHOTOS		
Project Number: 13C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$38,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

160 Days

7/1/04 to 12/8/04

Project Resources (hours):

Business Expert	840.0
CJIS Developer	382.0
CJIS Technical Architect	78.0
CJIS Project Manager	74.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project supports the Phase 2 publication efforts by making the driver abstract information and photos available to the CJIS community. The project effort includes linking DOT systems to the CJIS portal and indexing key driver and licensing information to the master index.

Benefits and Justification:

This project provides the ability to examine and view information in the driver's abstract. This will benefit CJIS partners in that information about an individual can be researched immediately through the one-stop portal, without having to contact an individual at the DOT.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Publication Strategy and Plan	7/1/04	7/14/04	13 days	72	0
Task 2	Review Data Needs	7/15/04	7/28/04	13 days	72	0
Task 3	Develop User Information Views	7/29/04	8/11/04	13 days	112	0
Task 4	Define Requirements	8/12/04	8/25/04	13 days	228	0
Task 5	Design Look and Feel	8/26/04	9/1/04	6 days	84	0
Task 6	Review and Approve Design	9/2/04	9/8/04	6 days	34	0
Task 7	Construct Generic Web Site	9/9/04	10/6/04	27 days	176	0
Task 8	Test and Evaluate Web Site	10/7/04	10/20/04	13 days	148	0
Task 9	Test and Evaluate Interface (Users)	10/21/04	11/17/04	27 days	296	0
Task 10	Update and Repair Test System	11/18/04	12/1/04	13 days	112	0

Task 11	Implement Web Site	12/2/04	12/8/04	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Driver Abstract and Photo Publication Requirements Document	8/25/04	619
Driver abstract and Photo Publication Pilot Complete	10/20/04	624
Driver Abstract and Photo Publication Complete	12/8/04	628

Issues, Risks, and Notes:

This project maximizes current functionality of DOT systems by extending it to the CJIS portal. An important aspect of the this project is making the information available within the CJIS environment. The driver's abstract and photo information Web site will comply with Appendix M-2, the Web Site Design Packet of the Technology Architecture.

Involved Agencies:

- Department of Transportation
- Information Technology Department

PROJECT: BASIC SUBSCRIPTION CAPABILITY		
Project Number: 13D	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$69,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

230 Days

7/1/04 to 2/16/05

Project Resources (hours):

Business Expert	1470.0
CJIS Developer	692.0
CJIS Project Manager	110.0
CJIS Technical Architect	90.0

Project Description:

The focus of this project is to establish a basic subscription capability that will allow CJIS users to establish defined data sets that the user desires to be made aware of within the CJIS community. An example of subscription capability is where a narcotics detective subscribes to a list that will forward information about meth lab arrests in other agencies. This would keep the requester informed about other meth lab cases.

Benefits and Justification:

This project delivers the important CJIS capability to allow the system to automatically notify an individual or organization about information that is added to the index or a CJIS repository. This creates the environment for investigators to subscribe to a service that will inform them if a critical piece of information becomes available about a suspect or any other definable element of their investigation. This capability may significantly increase the solvability of open cases.

Business and Technology Goals Supported:

- Provide responsive services.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Requirements	7/1/04	8/25/04	55 days	912	0
Task 2	Develop Conceptual Design	8/26/04	9/22/04	27 days	176	0
Task 3	Develop Detailed Design	9/23/04	11/17/04	55 days	352	0
Task 4	Develop Database and Programs	11/18/04	12/29/04	41 days	264	0
Task 5	Implement Beta System	12/30/04	1/12/05	13 days	92	0
Task 6	Test and Evaluate System	1/13/05	2/9/05	27 days	296	0
Task 7	Update and Repair Beta System	1/13/05	2/9/05	27 days	224	0
Task 8	Implement First Production Release	2/10/05	2/16/05	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
CJIS Subscription System (Beta)	1/12/05	635
CJIS Subscription System	2/16/05	639

Issues, Risks, and Notes:

This project will deliver the basic ability that will be enhanced in subsequent projects 17A and 17B. This publication project will rely on capabilities outlined in subsections V.B and V.C of the Technology Architecture. Both the information and integration architecture, and this capability specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to utilize CJIS information.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: COMPLEX SEARCH MECHANISM		
Project Number: 13E	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$69,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

230 Days

11/11/04 to 6/29/05

Project Resources (hours):

Business Expert	1470.0
CJIS Developer	692.0
CJIS Project Manager	110.0
CJIS Technical Architect	90.0

Project Description:

This project will provide a mechanism to answer the questions that users and managers cannot answer with current systems. The search mechanism will allow searches between systems based on the index information used for a linking subsystem between the various justice systems in the CJIS environment.

Benefits and Justification:

This effort will provide a mechanism to enact complex searches against the CJIS index and supporting CJIS partner systems. This will allow investigators and managers to examine CJIS information in detail to solve cases and manage the criminal justice process in North Dakota.

Business and Technology Goals Supported:

- Improve decision making.
- Leverage existing technology.
- Leverage new technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Requirements	11/11/04	1/5/05	55 days	912	0
Task 2	Develop Conceptual Design	1/6/05	2/2/05	27 days	176	0
Task 3	Develop Detailed Design	2/3/05	3/30/05	55 days	352	0
Task 4	Develop Database and Programs	3/31/05	5/11/05	41 days	264	0
Task 5	Implement Beta System	5/12/05	5/25/05	13 days	92	0
Task 6	Test and Evaluate System	5/26/05	6/22/05	27 days	296	0
Task 7	Update and Repair Beta System	5/26/05	6/22/05	27 days	224	0
Task 8	Implement Production Release	6/23/05	6/29/05	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*

Complex Search System (Beta)	5/25/05	646
Complex Search System	6/29/05	650

Issues, Risks, and Notes:

This publication project will rely on capabilities outlined in subsections V.B and V.C of the Technology Architecture. Both the information and integration architecture, and this capability specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to utilize CJIS information.

Involved Agencies:

- Information Technology Department

PROJECT: CASE STATUS CHANGE NOTIFICATION		
Project Number: 13F	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$55,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

356 Days

7/1/04 to 6/22/05

Project Resources (hours):

Business Expert	980.0
CJIS Developer	554.0
CJIS Technical Architect	106.0
CJIS Project Manager	94.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project will implement a series of exchanges that will move information between systems whenever a case status in a CJIS partner system changes to all of the other CJIS partner systems that rely on that case status. This mechanism may also create notification points and other exchanges that begin as a result of certain types of case statuses, such as a conviction status on a court case.

Benefits and Justification:

This project provides the capability to be notified in the event of a status change to a case in UCIS or the common State's Attorney application. This will benefit CJIS partners in that information about a case status can be updated immediately through the this CJIS capability, without having to contact an individual in the courts or State's Attorney Office.

Business and Technology Goals Supported:

- Improve decision making.
- Deliver timely information.
- Leverage existing technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Notification Strategy and Plan	11/18/04	12/15/04	27 days	144	0
Task 2	Review Data Needs	12/16/04	12/29/04	13 days	72	0
Task 3	Develop User Information Views	12/30/04	1/12/05	13 days	112	0
Task 4	Define Requirements	1/13/05	1/26/05	13 days	228	0
Task 5	Design Look and Feel	1/27/05	2/2/05	6 days	84	0
Task 6	Review and Approve Design	2/3/05	2/9/05	6 days	34	0
Task 7	Construct Generic Web Site	2/10/05	4/6/05	55 days	352	0
Task 8	Test and Evaluate Web Site	4/7/05	4/20/05	13 days	148	0

Task 9	Test and Evaluate Interface (Users)	4/21/05	5/18/05	27 days	296	0
Task 10	Update and Repair Test System	5/19/05	6/15/05	27 days	224	0
Task 11	Implement Web Site	6/16/05	6/22/05	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Case Status Notification Complete	7/1/04	665
Case Status Notification Requirements Document	1/26/05	656
Case Status Notification Pilot Complete	4/20/05	661

Issues, Risks, and Notes:

This project utilizes the message environment to manage case status notification between systems. An important aspect of the this project is making the information available within the CJIS environment. The case status information exchange will comply with Appendix M, the Application Architecture Packet of the Technology Architecture.

Involved Agencies:

- Information Technology Department
- State's Attorneys

PROJECT: LOCAL PROSECUTION TO UCIS		
Project Number: 14A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$31,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

7/1/04 to 10/6/04

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

The project supports the Phase 2 integration efforts by building a mechanism to move State's Attorney case information from the new State's Attorney system to existing UCIS system. This project will implement the State's Attorney-to-UCIS-based information exchanges that are identified in the Technology Architecture.

Benefits and Justification:

The interface supports critical information exchanges between the state's attorneys and UCIS. This is a critical component of CJIS information. A component of this project will be the capability to file cases electronically.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage existing technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	7/1/04	7/21/04	20 days	108	0
Task 2	Determine Interface Specification	7/22/04	8/4/04	13 days	88	0
Task 3	Develop Interface Programs	8/5/04	9/8/04	34 days	280	0
Task 4	Pilot Interface	9/9/04	9/22/04	13 days	228	0
Task 5	Implement Interface	9/23/04	10/6/04	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Local Prosecution to UCIS Specification	8/4/04	670
Local Prosecution to UCIS Interface Pilot Complete	9/22/04	673
Local Prosecution to UCIS Interface Complete	10/6/04	675

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to share information.

Involved Agencies:

- Information Technology Department
- State's Attorneys

PROJECT: JAIL/CORRECTIONS TO CCH INTERFACE		
Project Number: 14B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$31,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

7/1/04 to 10/6/04

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

The project supports the Phase 2 integration efforts by building a mechanism to move local jail case and housing information from the new common jail system to other CJIS systems. This project will implement the local jail-based information exchanges that are identified in the Technology Architecture.

Benefits and Justification:

The local jail and correction case and housing information interface supports information exchanges between the jails and BCI's CCH repository. This is a critical component of CJIS information.

Business and Technology Goals Supported:

- Ensure access to information.
- Deliver timely information.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	7/1/04	7/21/04	20 days	108	0
Task 2	Determine Interface Specification	7/22/04	8/4/04	13 days	88	0
Task 3	Develop Interface Programs	8/5/04	9/8/04	34 days	280	0
Task 4	Pilot Interface	9/9/04	9/22/04	13 days	228	0
Task 5	Implement Interface	9/23/04	10/6/04	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Jail and Correction to CCH Specification	8/4/04	679
Jail and Correction to CCH Interface Pilot Complete	9/22/04	682
Jail and Correction to CCH Interface Complete	10/6/04	684

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to share information. This project may offer the opportunity to reengineer the process to take advantage of future information exchanges identified in the Technology Architecture.

Involved Agencies:

- Department of Corrections and Rehabilitation
- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: UNIQUE JAIL INTERFACE(S)		
Project Number: 14C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$31,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

10/7/04 to 1/12/05

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

The project supports the Phase 2 integration efforts by building a mechanism to move jail case and housing information from the existing jail JMS installations to state CJIS systems. This project will implement the remaining local jail-based information exchanges that are identified in the Technology Architecture and were not possible with the common jail system because of agencies that chose to remain on current systems.

Benefits and Justification:

The local jail case and housing information interface supports information exchanges between the jails with unique jail systems and the CJIS environment. This is an important component of CJIS information.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Leverage new technology.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	10/7/04	10/27/04	20 days	108	0
Task 2	Determine Interface Specification	10/28/04	11/10/04	13 days	88	0
Task 3	Develop Interface Programs	11/11/04	12/15/04	34 days	280	0
Task 4	Pilot Interface	12/16/04	12/29/04	13 days	228	0
Task 5	Implement Interface	12/30/04	1/12/05	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Unique Jail Interface Specification	11/10/04	688
Unique Jail Interface Pilot Complete	12/29/04	691
Unique Jail Interface Complete	1/12/05	693

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to share information.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: ELECTRONIC WARRANTS (ARREST)		
Project Number: 14D	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$31,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

7/1/04 to 10/6/04

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

This project supports the Phase 2 integration efforts by implementing an end-to-end electronic warrant process that is started with the warrant request and exchanged between systems through the normal warrant process electronically. The end result is a warrant that, as soon as it is issued by the court, is indexed and available to law enforcement. In addition, any changes or quashes are automatically added to the warrant along with the eventual service and clearance.

Benefits and Justification:

The electronic warrant interface supports electronic information exchanges between the CJIS partners. This is an important component of CJIS information and will significantly enhance the warrant process. This project will implement the several information exchanges that are identified in the Technology Architecture.

Business and Technology Goals Supported:

- Improve decision making.
- Improve criminal justice staff safety.
- Deliver timely information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	7/1/04	7/21/04	20 days	108	0
Task 2	Determine Interface Specification	7/22/04	8/4/04	13 days	88	0
Task 3	Develop Interface Programs	8/5/04	9/8/04	34 days	280	0
Task 4	Pilot Interface	9/9/04	9/22/04	13 days	228	0
Task 5	Implement Interface	9/23/04	10/6/04	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Electronic Warrants Specification	8/4/04	697

Electronic Warrants Interface Pilot Complete	9/22/04	700
Electronic Warrants Interface Complete	10/6/04	702

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to share information.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- State's Attorneys

PROJECT: UNIQUE LAW ENFORCEMENT INTERFACE(S)		
Project Number: 14E	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$211,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

10/7/04 to 1/12/05

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

The project supports the Phase 3 integration efforts by building a mechanism to move law enforcement case information from the existing local law enforcement RMS installations to state CJIS systems and the UCR and IBR repository. This project will implement the remaining local law enforcement-based information exchanges that are identified in the Technology Architecture and were not possible with the common law enforcement system because of agencies that chose to remain on their current systems.

Benefits and Justification:

The unique local RMS interface supports information exchanges between the law enforcement agencies such as Bismarck and Fargo police departments with unique LERMS and the CJIS environment. This is a critical component of CJIS information environment since these agencies represent a large portion of the criminal justice case volume.

Business and Technology Goals Supported:

- Deliver timely information.
- Leverage existing technology.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	10/7/04	10/27/04	20 days	108	0
Task 2	Determine Interface Specification	10/28/04	11/10/04	13 days	88	0
Task 3	Develop Interface Programs	11/11/04	12/15/04	34 days	280	0
Task 4	Pilot Interface	12/16/04	12/29/04	13 days	228	0
Task 5	Implement Interface	12/30/04	1/12/05	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Unique Law Enforcement to UCR Specification	11/10/04	706

Unique Law Enforcement to UCR Interface Pilot Complete	12/29/04	709
Unique Law Enforcement to UCR Interface Complete	1/12/05	711

Issues, Risks, and Notes:

Not all agencies may be ready to connect their LERMS to the CJIS environment; these agencies will be completed in Project 18A. This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their partners are able to share information.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies

PROJECT: CITATION MOVEMENT		
Project Number: 14F	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$31,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

7/1/04 to 10/6/04

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

This project will support the electronic movement of citations that are captured electronically by law enforcement agencies. The project will provide an end-to-end movement of the citation information from capture to resolution and subsequent repository within the DOT systems.

Benefits and Justification:

This project will deliver an automated transfer mechanism that will reduce processing time and improve the accuracy of citation information between CJIS partner systems.

Business and Technology Goals Supported:

- Provide responsive services.
- Improve decision making.
- Deliver timely information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	7/1/04	7/21/04	20 days	108	0
Task 2	Determine Interface Specification	7/22/04	8/4/04	13 days	88	0
Task 3	Develop Interface Programs	8/5/04	9/8/04	34 days	280	0
Task 4	Pilot Interface	9/9/04	9/22/04	13 days	228	0
Task 5	Implement Interface	9/23/04	10/6/04	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Citation Interface Specification	8/4/04	715
Citation Interface Pilot Complete	9/22/04	718
Citation Interface Complete	10/6/04	720

Issues, Risks, and Notes:

This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their partners are able to share information. In addition, this project may offer the opportunity to reengineer the process to take advantage of future information exchanges identified in the Technology Architecture.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- North Dakota Highway Patrol
- State's Attorneys

PROJECT: SEARCH WARRANTS		
Project Number: 14G	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$31,000
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

97 Days

10/7/04 to 1/12/05

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

The project will build on the Arrest Warrant process implemented in Phase 2, so that all warrant requests – including search warrants – are requested, approved, managed, and cleared electronically within the CJIS systems. This project will provide the additional functions to handle all of the non-arrest warrant processes.

Benefits and Justification:

The search warrant interface supports electronic information exchanges between the CJIS partners in the same manner as the electronic warrants interface. This is an important component of CJIS information and will significantly enhance the warrant process. This project will implement several information exchanges that are identified in the Technology Architecture.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Deliver timely information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	10/7/04	10/27/04	20 days	108	0
Task 2	Determine Interface Specification	10/28/04	11/10/04	13 days	88	0
Task 3	Develop Interface Programs	11/11/04	12/15/04	34 days	280	0
Task 4	Pilot Interface	12/16/04	12/29/04	13 days	228	0
Task 5	Implement Interface	12/30/04	1/12/05	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Search Warrant Interface Specification	11/10/04	724
Search Warrant Interface Pilot Complete	12/29/04	727

Search Warrant Interface Complete	1/12/05	729

Issues, Risks, and Notes:

It is expected that this project will utilize the same methods developed in Project 14D to implement the search warrant interface. In addition, this interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provides the mechanisms through which North Dakota justice organizations and their partners are able to share information.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Local Law Enforcement Agencies
- State's Attorneys

PROJECT: DATA CENTER ENHANCEMENT		
Project Number: 15A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$759,000
FY0607	$120,000
FY0708	$120,000

Project Duration:

363 Days

7/1/05 to 6/29/06

Project Resources (hours):

CJIS Technical Architect	780.0
CJIS Project Manager	766.0
CJIS Developer	750.0
Business Expert	300.0
CJIS Network Technician	282.0
CJIS Project Director	112.0
CJIS Database Administrator	6.0

Project Description:

The project represents the changes and enhancements that will be necessary to support the enhanced features of the CJIS environment. The initial installation of the data provided the capabilities necessary to handle expected volume and usage. This project will analyze actual usage and add additional capacity, as necessary, to the data center to handle current and planned user loads. Other changes will included added support for users and overall transaction volume that will increase during Phase 3.

Benefits and Justification:

This project represents a significant increase in CJIS redundancy and capacity by adding clustered or fault-tolerant servers and Web farms for service delivery. The primary benefit of the data center is that the ability to support the application environment is significantly enhanced by the additional capabilities that are built into the data center.

Business and Technology Goals Supported:

- Provide responsive services.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Conduct Site and Needs Planning	7/1/05	7/21/05	20 days	126	0
Task 2	Implement Network Backup Server	7/29/05	1/5/06	160 days	656	0
Task 2.1	Analyze System Backup Requirements	7/29/05	8/11/05	13 days	52	0
Task 2.2	Design Site and Infrastructure Layouts	8/19/05	8/25/05	6 days	84	0
Task 2.3	Acquire Backup System Hardware	8/26/05	11/17/05	83 days	216	0
Task 2.4	Establish Network Connectivity	11/4/05	11/10/05	6 days	90	0
Task 2.5	Install and Test System	11/18/05	12/8/05	20 days	108	0

Task 2.6	Verify Backup Site Implementation	12/23/05	12/29/05	6 days	70	0
Task 2.7	Conduct Backup Test	12/30/05	1/5/06	6 days	36	0
Task 3	Implement Production Data Cluster	7/1/05	11/17/05	139 days	474	0
Task 3.1	Validate Redundancy Need and Funding	7/1/05	7/14/05	13 days	52	0
Task 3.2	Determine Existing Hardware Retention or Migration	7/15/05	7/21/05	6 days	44	0
Task 3.3	Acquire Additional Server	7/22/05	9/15/05	55 days	144	0
Task 3.4	Implement Cluster	9/16/05	10/13/05	27 days	184	0
Task 3.5	Validate Operational Status	10/14/05	10/20/05	6 days	10	0
Task 3.6	Monitor Cluster	10/21/05	11/17/05	27 days	40	0
Task 4	Implement Server Cluster for Master Index	1/6/06	4/20/06	104 days	320	0
Task 4.1	Validate Redundancy Need and Funding	1/6/06	1/12/06	6 days	26	0
Task 4.2	Determine Existing Hardware Retention or Migration	1/13/06	1/19/06	6 days	44	0
Task 4.3	Acquire Additional Server	1/20/06	3/2/06	41 days	108	0
Task 4.4	Implement Cluster	3/3/06	3/16/06	13 days	92	0
Task 4.5	Validate Operational Status	3/17/06	3/23/06	6 days	10	0
Task 4.6	Monitor Cluster	3/24/06	4/20/06	27 days	40	0
Task 5	Implement Management and Monitoring System	7/1/05	12/1/05	153 days	620	0
Task 5.1	Analyze Management and Monitoring Requirements	7/1/05	7/14/05	13 days	52	0
Task 5.2	Design Management Infrastructure	7/22/05	7/28/05	6 days	84	0
Task 5.3	Acquire Management and Monitoring Systems	7/29/05	10/20/05	83 days	216	0
Task 5.4	Establish Network Connectivity	10/7/05	10/13/05	6 days	90	0
Task 5.5	Install and Test System	10/21/05	11/10/05	20 days	108	0
Task 5.6	Verify Management and Monitoring Implementation	11/25/05	12/1/05	6 days	70	0
Task 6	Implement CJIS Web Server Farm	3/17/06	6/29/06	104 days	320	0
Task 6.1	Validate Redundancy Need and Funding	3/17/06	3/23/06	6 days	26	0
Task 6.2	Determine Existing Hardware Retention or Migration	3/24/06	3/30/06	6 days	44	0
Task 6.3	Acquire Additional Server	3/31/06	5/11/06	41 days	108	0
Task 6.4	Implement Farm	5/12/06	5/25/06	13 days	92	0
Task 6.5	Validate Operational Status	5/26/06	6/1/06	6 days	10	0
Task 6.6	Monitor Farm	6/2/06	6/29/06	27 days	40	0
Task 7	Implement Redundant Message Exchange	11/4/05	4/13/06	160 days	480	0
Task 7.1	Validate Redundancy Need and Funding	11/4/05	11/24/05	20 days	78	0
Task 7.2	Determine Existing Hardware Retention or Migration	11/25/05	12/1/05	6 days	44	0
Task 7.3	Acquire Additional Server	12/2/05	2/23/06	83 days	216	0
Task 7.4	Implement Cluster	2/24/06	3/9/06	13 days	92	0
Task 7.5	Validate Operational Status	3/10/06	3/16/06	6 days	10	0

Task 7.6	Monitor Cluster	3/17/06	4/13/06	27 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
Production Data Store Cluster Implementation Completed	11/17/05	750
Monitoring and Management Implementation Complete	12/1/05	766
Backup Implementation Complete	1/5/06	742
Internal Message Exchange Cluster Implementation Completed	4/13/06	782
Master Index Cluster Implementation Completed	4/20/06	758
Web Server Farm Implementation Completed	6/29/06	774

Issues, Risks, and Notes:

Several design issues are noted in Appendix P-1, the Data Center Design Packet of the Technology Architecture. In addition, the CJIS data center may seem redundant; however, specific security and access requirements that organizations must comply with to access federal system such as NLETS and NCIC are easier to validate and manage in a separate topology. This does not mean that these systems have to reside is an isolated building; however, specific procedures and rules must be established.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: VPN INFRASTRUCTURE

Project Number:	Responsible Organization:	Documentation Date:
15B	North Dakota CJIS Project	4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$73,000
FY0607	$8,000
FY0708	$8,000

Project Duration:

125 Days

7/1/05 to 11/3/05

Project Resources (hours):

CJIS Developer	282.0
Business Expert	260.0
CJIS Network Technician	214.0
CJIS Technical Architect	140.0
CJIS Project Manager	130.0

Project Description:

This project will deploy a VPN infrastructure to allow small agencies to access the CJIS environment securely through existing ISP connections around the state. This capability will provide a low-cost alternative to dedicated lines to all of the CJIS customers and support the security requirements of the CJIS effort and NCIC.

Benefits and Justification:

The VPN infrastructure project will deploy VPN connectivity to areas that do not have low-cost connection options to the CJIS environment. Without this project, local agencies face significantly higher connection costs and overall connectivity restrictions.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Reconcile VPN Requirements	7/1/05	7/14/05	13 days	52	0
Task 2	Develop VPN Production System	7/15/05	9/22/05	69 days	600	0
Task 3	Conduct Expanded VPN User Testing	9/23/05	10/20/05	27 days	296	0
Task 4	Correct User Testing Reports	10/21/05	10/27/05	6 days	44	0
Task 5	Certify VPN System	10/28/05	11/3/05	6 days	34	0

Deliverables:

Deliverable	*Finish*	*Status*
VPN Installation Complete	9/22/05	786
VPN Production System Certified	11/3/05	790

Issues, Risks, and Notes:

Several design issues are noted in Appendix P-5, the Security Design Packet of the Technology Architecture.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- State's Attorneys

PROJECT: NDLETS TO CJIS MIGRATION		
Project Number: 16A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$105,000
FY0607	$174,000
FY0708	$31,000

Project Duration:

412 Days

7/1/05 to 8/17/06

Project Resources (hours):

Business Expert	1968.0
CJIS Developer	922.0
CJIS Project Manager	446.0
CJIS Technical Architect	432.0
Business Executive	8.0
CJIS Project Director	8.0

Project Description:

This project will complete the migration of the NDLETS network to the CJIS infrastructure so that a single type of technology provides CJIS information to the criminal justice community. This migration will expand the options available to deploying NDLETS to agencies that meet NCIC and NLETS requirements without requiring additional network connections.

Benefits and Justification:

This project offers several benefits, the most important being the integration of the NDLETS capability with Web delivery systems of CJIS. This provides the opportunity to use common connectivity and support to deliver a service that is currently completely separate by design.

Business and Technology Goals Supported:

- Ensure effective operations.
- Improve decision making.
- Implement cost effective systems.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	7/1/05	8/11/05	41 days	684	0
Task 2	Develop RFP	8/12/05	9/8/05	27 days	72	0
Task 3	Post RFP and Solicit Proposals	7/15/05	9/8/05	55 days	96	0
Task 4	Review and Evaluate Proposals	9/9/05	9/29/05	20 days	270	0
Task 5	Negotiate Contract	9/30/05	10/27/05	27 days	96	0
Task 6	Validate Conceptual Design	10/28/05	11/17/05	20 days	108	0
Task 7	Validate Interface Design	11/4/05	11/17/05	13 days	72	0
Task 8	Develop Conversion and Implementation Plan	11/18/05	12/15/05	27 days	104	0
Task 9	Deploy System Components	11/18/05	1/12/06	55 days	320	0
Task 10	Integrate System With CJIS Integration Backbone	1/13/06	2/16/06	34 days	230	0

Task 11	Pilot System (Beta Version)	2/17/06	4/13/06	55 days	912	0
Task 12	Verify System Functionality and Components	4/14/06	5/4/06	20 days	210	0
Task 13	Update/Refine System Components From Pilot	5/5/06	6/1/06	27 days	200	0
Task 14	Verify Production Quality System	6/2/06	6/15/06	13 days	140	0
Task 15	Implement Systems	6/16/06	7/20/06	34 days	230	0
Task 16	Monitor System Production	7/21/06	8/17/06	27 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
WebLETS Pilot Verified	5/4/06	805
WebLETS Interface Completed	7/20/06	810
WebLETS Software Installed	7/20/06	809

Issues, Risks, and Notes:

Several states have migrated some or all of their NCIC and NLETS functionality to Web-based services. This effort will simplify the NDLETS environment and should reduce costs to state radio and local law enforcement. It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture, specifically the design described in AppendixM-1, the Application Design Packet.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Local Law Enforcement Agencies
- Office of Management and Budget (State Radio)

PROJECT: CITATION FEE AND RESTITUTION MANAGEMENT		
Project Number: 16B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$224,000
FY0607	$26,000
FY0708	$26,000

Project Duration:

321 Days

9/9/05 to 7/27/06

Project Resources (hours):

Business Expert	1508.0
CJIS Developer	736.0
CJIS Project Manager	376.0
CJIS Technical Architect	340.0
Business Executive	8.0
CJIS Project Director	8.0

Project Description:

This project will deploy a citation fee and restitution management system that can be used by CJIS partners to collect and manage fees and restitution orders levied as part of the criminal justice process. This project will also address procedural and mandate issues associated with the citation and fee processes.

Benefits and Justification:

The citation fee and restitution management system provides an important management capability for the CJIS environment to ensure that all fees are collected and restitution is paid in full by offenders.

Business and Technology Goals Supported:

- Ensure access to information.
- Deliver timely information.
- Implement cost effective systems.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	9/9/05	10/20/05	41 days	684	0
Task 2	Develop RFP	10/7/05	10/20/05	13 days	36	0
Task 3	Post RFP and Solicit Proposals	10/21/05	11/24/05	34 days	60	0
Task 4	Review and Evaluate Proposals	11/25/05	12/15/05	20 days	270	0
Task 5	Negotiate Contract	12/16/05	1/12/06	27 days	96	0
Task 6	Validate Conceptual Design	1/13/06	2/2/06	20 days	108	0
Task 7	Validate Interface Design	1/20/06	2/2/06	13 days	72	0
Task 8	Develop Conversion and Implementation Plan	2/3/06	2/16/06	13 days	52	0
Task 9	Deploy System Components	2/3/06	3/30/06	55 days	320	0
Task 10	Validate Fee and Payment Components	2/17/06	3/9/06	20 days	30	0
Task 11	Integrate System With Index Server	2/24/06	3/30/06	34 days	230	0

Task 12	Pilot System (Beta Version)	3/31/06	4/27/06	27 days	456	0
Task 13	Verify System Functionality and Components	4/28/06	5/11/06	13 days	140	0
Task 14	Update/Refine System Components From Pilot	5/12/06	6/1/06	20 days	150	0
Task 15	Verify Production Quality System	6/2/06	6/15/06	13 days	140	0
Task 16	Implement Systems	6/16/06	6/29/06	13 days	92	0
Task 17	Monitor System Production	6/30/06	7/27/06	27 days	40	0

Deliverables:

Deliverable	*Finish*	*Status*
Citation and Fee System Pilot Verified	5/11/06	826
Citation and Fee System Interface Completed	6/29/06	831
Citation and Fee System Software Installed	6/29/06	830

Issues, Risks, and Notes:

It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture, specifically the design described in Appendix M-1, the Application Design Packet.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- State's Attorneys

PROJECT: INTELLIGENCE REPOSITORY SYSTEM		
Project Number: 16C	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$294,000
FY0708	$38,000

Project Duration:

433 Days

7/7/06 to 9/13/07

Project Resources (hours):

Business Expert	1874.0
CJIS Developer	788.0
CJIS Project Manager	408.0
CJIS Technical Architect	298.0
Business Executive	8.0
CJIS Project Director	8.0

Project Description:

The project will deploy an intelligence repository with a statewide scope that is used by any authorized user. This repository will contain information that is available to all law enforcement partners, but may also be restricted to specific individuals. This repository is a complex undertaking in that it will have data element security such that a specific search may reveal matching information, while the result informs a user to contact a specific law enforcement agent for the information found by the query. This additional complexity will provide a complete access control and logging mechanism that will support the security needs of the repository and its information.

Benefits and Justification:

The citation fee and restitution management system provides an important management capability for the CJIS environment to ensure that all fees are collected and restitution is paid in full by offenders.

Business and Technology Goals Supported:

- Ensure effective operations.
- Provide responsive services.
- Ensure access to information.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define System Requirements	7/7/06	8/17/06	41 days	684	0
Task 2	Develop RFP	8/4/06	8/17/06	13 days	36	0
Task 3	Post RFP and Solicit Proposals	8/18/06	10/12/06	55 days	96	0
Task 4	Review and Evaluate Proposals	10/13/06	11/9/06	27 days	360	0
Task 5	Negotiate Contract	11/10/06	12/7/06	27 days	96	0
Task 6	Validate Conceptual Design	12/8/06	12/28/06	20 days	108	0
Task 7	Validate Interface Design	12/15/06	12/28/06	13 days	72	0
Task 8	Develop Conversion and Implementation Plan	12/29/06	1/4/07	6 days	26	0

Task 9	Deploy System Components	12/29/06	2/22/07	55 days	320	0
Task 10	Integrate System With Index Server	2/23/07	3/22/07	27 days	184	0
Task 11	Pilot System (Beta Version)	3/23/07	5/10/07	48 days	798	0
Task 12	Verify System Functionality and Components	5/11/07	5/17/07	6 days	70	0
Task 13	Update/Refine System Components From Pilot	5/18/07	6/14/07	27 days	200	0
Task 14	Verify Production Quality System	6/15/07	6/21/07	6 days	70	0
Task 15	Implement Systems	6/22/07	7/19/07	27 days	184	0
Task 16	Monitor System Production	7/20/07	9/13/07	55 days	80	0

Deliverables:

Deliverable	*Finish*	*Status*
Intelligence System Pilot Verified	5/17/07	846
Intelligence System Interface Completed	7/19/07	851
Intelligence System Installed	7/19/07	850

Issues, Risks, and Notes:

It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture, specifically the design described in Appendix M-1, the Application Design Packet. The design will be further guided by principles outlined in the CJIS Technology Architecture and the structure will be based on the information provided in the CJIS Data Standards document.

Involved Agencies:

- Office of Attorney General, Bureau of Criminal Investigation
- Information Technology Department
- Local Law Enforcement Agencies

PROJECT:	SUBSCRIPTION AND NOTIFICATION CAPABILITY ENHANCEMENT	
Project Number: 17A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$53,000
FY0607	$0
FY0708	$0

Project Duration:

286 Days

6/23/06 to 4/5/07

Project Resources (hours):

Business Expert	1930.0
CJIS Developer	806.0
CJIS Project Manager	136.0
CJIS Technical Architect	118.0
Business Executive	2.0
CJIS Project Director	2.0
CJIS Technology Committee	2.0

Project Description:

This project represents the enhanced capability that will be added to the subscription and notification system during Phase 3. The initial capability installed in Phase 2 is based on predefined information sets. The enhanced capability deployed by this project will provide a broader set of predefined subscriptions, as well as a capability to build user-specific subscription and notification events. This capability will provide an increased ability to proactively monitor events and information within CJIS to help meet business needs and recognize specific crime patterns.

Benefits and Justification:

This project delivers the important CJIS capability to allow the system to automatically notify an individual or organization about information that is added to the index or a CJIS repository. This enhances the environment for CJIS users to subscribe to a service that will inform them if a critical piece of information becomes available about a suspect or any other definable element of their investigation. This capability may significantly increase the solvability of open cases.

Business and Technology Goals Supported:

- Provide a standards-based environment.
- Ensure responsive technology support.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Requirements	6/23/06	8/17/06	55 days	912	0
Task 2	Develop Enhancement Designs	8/18/06	9/14/06	27 days	176	0
Task 3	Develop Database and Programs	9/15/06	10/26/06	41 days	264	0
Task 4	Implement Enhanced System	10/27/06	11/9/06	13 days	92	0
Task 5	Test and Evaluate System	11/10/06	12/7/06	27 days	296	0
Task 6	Update and Repair System	11/10/06	12/7/06	27 days	224	0

Task 7	Implement Production Release	12/8/06	12/14/06	6 days	46	0
Task 8	Define Web Site Requirements	12/15/06	12/28/06	13 days	168	0
Task 9	Design Site Look and Feel	12/29/06	1/18/07	20 days	252	0
Task 10	Review and Approve Design	1/19/07	1/25/07	6 days	34	0
Task 11	Construct Generic Web Site	1/26/07	3/8/07	41 days	264	0
Task 12	Test and Evaluate Web Site	3/9/07	3/29/07	20 days	222	0
Task 13	Implement Web Site	3/30/07	4/5/07	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Enhanced CJIS Subscription System Tested	11/9/06	859
Enhanced CJIS Subscription System Implemented	12/14/06	863
Web-Based Subscription Software Installation	4/5/07	870

Issues, Risks, and Notes:

This project will deliver a capability that will be further enhanced in subsequent Project 17B. This publication project will rely on capabilities outlined in subsections V.B and V.C of the Technology Architecture. Both the information and integration architecture, and this capability specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to utilize CJIS information.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: ENHANCED SUBSCRIPTION CAPABILITY		
Project Number: 17B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$81,000
FY0708	$0

Project Duration:

174 Days

7/15/05 to 1/5/06

Project Resources (hours):

Business Expert	1310.0
CJIS Developer	532.0
CJIS Project Manager	94.0
CJIS Technical Architect	74.0

Project Description:

This project represents the enhanced subscription capability that will be added to the subscription and notification system during Phase 4. The capability installed in Phase 3 allowed extensive capabilities. The enhanced capability deployed by this project will provide a complete set of subscription capabilities that encompass all of the information in CJIS environment. This project will support the intelligence repository developed during this phase so that subscriptions can be linked to that repository. In addition, subscription capability requests made by users during phases 2 and 3 will also be completed during this project.

Benefits and Justification:

This project delivers the important CJIS capability to allow the system to automatically notify an individual or organization about information that is added to the index or a CJIS repository. This enhances the environment for CJIS users to subscribe to a service that will inform them if a critical piece of information becomes available about a suspect or any other definable element of their investigation.

Business and Technology Goals Supported:

- Provide a standards-based environment.
- Ensure responsive technology support.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Requirements	7/15/05	9/8/05	55 days	912	0
Task 2	Develop Enhancement Designs	9/9/05	10/6/05	27 days	176	0
Task 3	Develop Database and Programs	10/7/05	11/17/05	41 days	264	0
Task 4	Implement Enhanced System	11/18/05	12/1/05	13 days	92	0
Task 5	Test and Evaluate System	12/2/05	12/29/05	27 days	296	0
Task 6	Update and Repair System	12/2/05	12/29/05	27 days	224	0
Task 7	Implement Production Release	12/30/05	1/5/06	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Enhanced CJIS Subscription System Tested	12/1/05	876
Enhanced CJIS Subscription System Implemented	1/5/06	880

Issues, Risks, and Notes:

This project will deliver an enhanced capability that builds on the capabilities delivered in projects 13B and 17A. This publication project will rely on capabilities outlined in subsections V.B and V.C of the Technology Architecture. Both the information and integration architecture, and this capability specifically, provide the mechanisms through which North Dakota justice organizations and their partners are able to utilize CJIS information.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: UNIQUE LAW ENFORCEMENT INTERFACE(S)		
Project Number: 18A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$136,000
FY0708	$0

Project Duration:

97 Days

9/23/05 to 12/29/05

Project Resources (hours):

Business Expert	370.0
CJIS Developer	314.0
CJIS Technical Architect	66.0
CJIS Project Manager	46.0

Project Description:

The project supports the Phase 4 integration efforts by building a mechanism to move law enforcement case information from the existing local law enforcement RMS installations to state CJIS systems and the UCR and IBR repository. This project will implement the remaining local law enforcement-based information exchanges that are identified in the Technology Architecture and were not possible with the common law enforcement system because of agencies that chose to remain on current systems and were not completed as part of Phase 3.

Benefits and Justification:

The unique local RMS interface supports information exchanges between the law enforcement agencies such as Bismarck and Fargo police departments with unique LERMS and the CJIS environment. This is a critical component of CJIS information environment since these agencies represent a large portion of the criminal justice case volume.

Business and Technology Goals Supported:

- Deliver timely information.
- Leverage existing technology.
- Provide information-sharing facilities.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Review Data Needs	9/23/05	10/13/05	20 days	108	0
Task 2	Determine Interface Specification	10/14/05	10/27/05	13 days	88	0
Task 3	Develop Interface Programs	10/28/05	12/1/05	34 days	280	0
Task 4	Pilot Interface	12/2/05	12/15/05	13 days	228	0
Task 5	Implement Interface	12/16/05	12/29/05	13 days	92	0

Deliverables:

Deliverable	*Finish*	*Status*
Unique Law Enforcement to UCR Interface Specification	10/27/05	885

Unique Law Enforcement to UCR Interface Specification	10/27/05	885
Unique Law Enforcement to UCR Interface Pilot Complete	12/15/05	888
Unique Law Enforcement to UCR Interface Complete	12/29/05	890

Issues, Risks, and Notes:

The project will complete interfaces that we not completed as part of Project 14E. This interface project will rely on capabilities outlined in subsection V.C of the Technology Architecture. The integration architecture, and this interface specifically, provide the mechanisms through which North Dakota justice organizations and their partners are able to share information.

Involved Agencies:

- Information Technology Department
- Local Law Enforcement Agencies
- North Dakota Highway Patrol
- State's Attorneys

PROJECT: DECISION SUPPORT TOOL PILOT		
Project Number: 19A	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$93,000
FY0708	$9,000

Project Duration:

244 Days

7/7/06 to 3/8/07

Project Resources (hours):

Business Expert	810.0
CJIS Developer	432.0
CJIS Project Manager	182.0
CJIS Technical Architect	122.0
CJIS Project Director	20.0

Project Description:

This project will design and pilot a decision support component for the CJIS environment. Although these systems are complex and expensive, the state will evaluate the need and benefit of such a system in this project. The lessons learned during the pilot will be used to evaluate the feasibility of a full DSS implementation.

Benefits and Justification:

This effort will design, evaluate, and test a decision support tool to allow managers to analyze CJIS information in order to manage the criminal justice processes in North Dakota.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Ensure system flexibility.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Define Decision Support Requirements	7/7/06	7/20/06	13 days	228	0
Task 2	Design Decision Support System (DSS)	7/21/06	8/3/06	13 days	112	0
Task 3	Acquire DSS Software	8/4/06	10/12/06	69 days	180	0
Task 4	Develop Data Extract Mechanisms	10/13/06	11/23/06	41 days	264	0
Task 5	Develop Information Output Views	11/24/06	12/21/06	27 days	176	0
Task 6	Develop Data Authorization Levels	12/22/06	1/4/07	13 days	88	0
Task 7	Develop Automated Decision Information Outputs	1/5/07	2/1/07	27 days	176	0
Task 8	Implement Pilot DSS	2/2/07	2/8/07	6 days	46	0
Task 9	Test and Evaluate DSS Usage	2/9/07	3/8/07	27 days	296	0

Deliverables:

Deliverable	*Finish*	*Status*
DSS Pilot Complete	3/8/07	902

Issues, Risks, and Notes:

This project will rely on capabilities outlined in subsections V.B and V.C of the Technology Architecture. Both the information and integration architecture, and this capability specifically, provide the mechanisms through which North Dakota justice organizations and their justice partners are able to utilize CJIS information.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: DECISION COMPONENTS		
Project Number: 19B	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$420,000

Project Duration:

223 Days

7/6/07 to 2/14/08

Project Resources (hours):

CJIS Developer	702.0
Business Expert	610.0
CJIS Technical Architect	196.0
CJIS Project Manager	144.0
CJIS Network Technician	8.0
CJIS Technology Committee	8.0

Project Description:

This project represents the implementation of decision support components that will allow CJIS management and senior staff to view aggregated CJIS information. These components and tools will enable better trend analysis and proactive planning to enhance public safety and manage the CJIS environment.

Benefits and Justification:

This effort will implement additional features and continue the deployment of a decision support tool to allow managers to analyze CJIS information in order to manage the criminal justice processes in North Dakota.

Business and Technology Goals Supported:

- Improve decision making.
- Ensure access to information.
- Ensure system flexibility.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Determine Implementation Requirements	7/6/07	7/19/07	13 days	88	0
Task 2	Define Additional Decision Support Requirements	7/6/07	7/19/07	13 days	88	0
Task 3	Develop or Add DSS Component Software	7/20/07	8/30/07	41 days	336	0
Task 4	Develop Data Extract Mechanisms	8/31/07	9/27/07	27 days	176	0
Task 5	Develop Information Output Views	9/28/07	10/11/07	13 days	88	0
Task 6	Plan Acquisition for Server Hardware and Software	10/12/07	11/8/07	27 days	72	0
Task 7	Develop Data Authorization Levels	11/9/07	11/22/07	13 days	88	0
Task 8	Develop Automated Decision Information Outputs	11/23/07	12/6/07	13 days	88	0
Task 9	Implement DSS Component Pilot	12/7/07	12/20/07	13 days	92	0
Task 10	Test and Evaluate DSS Usage	12/21/07	1/17/08	27 days	296	0
Task 11	Validate Current Operational Usage	1/18/08	1/24/08	6 days	70	0

Task 12	Implement Additional Hardware	1/25/08	1/31/08	6 days	46	0
Task 13	Validate that DSS Components Are Operational	2/1/08	2/14/08	13 days	140	0

Deliverables:

Deliverable	*Finish*	*Status*
Decision Support Components Pilot Complete	1/17/08	914
DSS Component Implementation Complete	2/14/08	918

Issues, Risks, and Notes:

The decision support system will become operational in this project so that specific CJIS staff can utilize the system to respond to information needs. Because of the overall cost of the system, this implementation is expected to be limited. This project will rely on capabilities outlined in subsections V.B and V.C of the Technology Architecture. Both the information and integration architecture, and this capability specifically, provide the mechanisms through which North Dakota justice organizations and their partners are able to utilize CJIS information.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: OVERALL SUPPORT STRATEGY AND PLAN		
Project Number: M1	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

146 Days

8/6/02 to 12/30/02

Project Resources (hours):

CJIS Project Manager	134.0
CJIS Technical Architect	122.0
CJIS Project Director	78.0
Business Expert	30.0
CJIS Developer	30.0
Business Executive	6.0
CJIS Technology Committee	6.0

Project Description:

During this project, CJIS executives will examine the technical support services that may be required to implement and support the CJIS systems. The cost-effectiveness of implementing these services with a specific ITD group dedicated to CJIS will be evaluated in terms of the possible benefits of this approach. A decision will be made about the specific services that will be used to hire or contract for necessary staff.

Benefits and Justification:

This project will define the manner in which CJIS will support systems and the degree to which individual organizations will have to provide their own equipment and support.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Determine Support Requirements	8/6/02	8/26/02	20 days	102	0
Task 2	Determine Staff Available	8/27/02	9/2/02	6 days	88	0
Task 3	Compare Requirements to Available Staff	9/3/02	9/9/02	6 days	24	0
Task 4	Determine Support Plan	9/10/02	9/23/02	13 days	48	0
Task 5	Determine Short-Term Coverage Strategy	9/24/02	10/7/02	13 days	48	0
Task 6	Hire Any Needed Staff Skills (Help Desk, etc.)	10/8/02	12/30/02	83 days	96	0

Deliverables:

Deliverable	*Finish*	*Status*
Support Plan Complete	10/7/02	927

Issues, Risks, and Notes:

This project will rely on principles and decisions outlined in Section VII of the Technology Architecture.

Involved Agencies:

- Information Technology Department

PROJECT: CENTRALIZED HELP DESK/INFORMATION CENTER		
Project Number: M2	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$79,500
FY0304	$63,000
FY0405	$376,200
FY0506	$689,400
FY0607	$689,400
FY0708	$689,400

Project Duration:

27 Days

8/6/02 to 9/2/02

Project Resources (hours):

CJIS Developer	60.0
Business Expert	50.0
CJIS Technical Architect	34.0
CJIS Project Manager	14.0
Business Executive	6.0
CJIS Project Director	6.0
CJIS Technology Committee	6.0

Project Description:

During this project, CJIS executives will examine the help desk services that may be required to support the CJIS systems. The cost-effectiveness of implementing these services with a specific ITD group dedicated to CJIS will be evaluated in terms of the possible benefits of this approach. A decision will be made about the specific services that may be implemented immediately to provide near-term support for CJIS users outside of the normal ITD help desk operations.

Benefits and Justification:

This project will define the manner in which CJIS will deliver the help desk services required by the solutions implemented in the CJIS plan.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Organize Available Staff for Support	8/6/02	8/12/02	6 days	34	0
Task 2	Determine 1st- and 2nd-Level Support Groups	8/13/02	8/26/02	13 days	68	0
Task 3	Organize Training Group	8/6/02	8/12/02	6 days	28	0
Task 4	Integrate Support and Training Operations Within a Help D	8/27/02	9/2/02	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*
Reorganized Help Desk Operational	9/2/02	934

Issues, Risks, and Notes:

This project will rely on principles and decisions outlined in Section VII of the Technology Architecture.

Involved Agencies:

- Information Technology Department

PROJECT: CENTRALIZED WEB SUPPORT		
Project Number: M3	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$46,000
FY0304	$3,000
FY0405	$3,000
FY0506	$3,000
FY0607	$3,000
FY0708	$3,000

Project Duration:

132 Days

9/3/02 to 1/13/03

Project Resources (hours):

Business Expert	590.0
CJIS Developer	312.0
CJIS Technical Architect	70.0
CJIS Project Manager	66.0
CJIS Technology Committee	12.0
Business Executive	4.0
CJIS Project Director	4.0

Project Description:

During this project, CJIS executives will examine the centralized Web services (unattended services) that may be required to support the CJIS systems. The cost-effectiveness of implementing this type of service will be evaluated in terms of the possible benefits of this approach.

Benefits and Justification:

This project create an on-line assistance capability within the CJIS portal. The intent of the support capability is to reduce overall support costs and minimize the amount of time a user spends seeking assistance.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Determine Web Support Content	9/3/02	9/30/02	27 days	216	0
Task 2	Define Support Objectives	10/1/02	10/7/02	6 days	44	0
Task 3	Define Site Requirements	10/8/02	10/14/02	6 days	44	0
Task 4	Design Site Look and Feel	10/15/02	10/28/02	13 days	168	0
Task 5	Review and Approve Design	10/29/02	11/11/02	13 days	68	0
Task 6	Construct Generic Web Site	11/12/02	12/9/02	27 days	176	0
Task 7	Test and Evaluate Web Site	12/10/02	1/6/03	27 days	296	0
Task 8	Implement Web Site	1/7/03	1/13/03	6 days	46	0

Deliverables:

Deliverable	*Finish*	*Status*

Web Support Site Complete	1/13/03	944

Issues, Risks, and Notes:

A decision will be made about the specific services that will be used to acquire an application or contract for necessary staff to develop the support mechanism. It is expected that this application will be acquired, not developed; however, integration components will be specific to North Dakota and therefore developed by North Dakota as part of the system. The application will comply with the application standards outlined in the CJIS Technology Architecture, specifically the design described in Appendix M-1, the Application Design Packet.

Involved Agencies:

- Information Technology Department

PROJECT: TRAINING PROGRAM		
Project Number: M4	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$44,000
FY0304	$44,000
FY0405	$43,000
FY0506	$31,000
FY0607	$31,000
FY0708	$18,000

Project Duration:

1683 Days

9/2/02 to 4/12/07

Project Resources (hours):

CJIS Trainer	6306.0
Business Expert	1154.4
CJIS Project Manager	475.8
CJIS Developer	224.0
CJIS Technical Architect	56.0
CJIS Project Director	20.0

Project Description:

This project represents the ongoing effort to maintain the CJIS project's training efforts during each of the phases. The ongoing effort to train staff and the organization's users is an important element of the CJIS effort to ensure project progress and utilization of CJIS systems. This is a multiphase project with a major task for each of the CJIS phases. The overall training resource estimates are based on a train-the-trainer approach and significant mentoring assistance throughout the course of each phase.

Benefits and Justification:

This project will define the manner in which CJIS training will be provided and the degree to which individual organizations will have to provide their own equipment and training staff.

Business and Technology Goals Supported:

- Ensure effective operations.
- Ensure access to information.
- Minimize complexity.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop Phase 1 Training Program	9/2/02	6/30/03	301 days	1634	0
Task 1.1	Determine CJIS Training Requirements	9/2/02	9/27/02	25 days	144	0
Task 1.2	Determine Maintenance Training Requirements	9/30/02	10/25/02	25 days	144	0
Task 1.3	Develop Training Plan	10/28/02	11/22/02	25 days	280	0
Task 1.4	Assign Training Resources	11/25/02	12/6/02	11 days	108	0
Task 1.5	Conduct Training	12/9/02	6/30/03	203 days	958	0
Task 2	Develop Phase 2 Training Program	7/1/03	6/28/04	363 days	1754	0
Task 2.1	Determine CJIS Training Requirements	7/1/03	7/21/03	20 days	108	0
Task 2.2	Determine Maintenance Training Requirements	7/22/03	8/18/03	27 days	144	0
Task 2.3	Develop Training Plan	8/19/03	9/1/03	13 days	100	0

Task 2.4	Assign Training Resources	9/2/03	9/8/03	6 days	24	0
Task 2.5	Conduct Training	9/9/03	6/28/04	293 days	1378	0
Task 3	Develop Phase 3 Training Program	7/1/04	6/29/05	363 days	1754	0
Task 3.1	Determine CJIS Training Requirements	7/1/04	7/21/04	20 days	108	0
Task 3.2	Determine Maintenance Training Requirements	7/22/04	8/18/04	27 days	144	0
Task 3.3	Develop Training Plan	8/19/04	9/1/04	13 days	100	0
Task 3.4	Assign Training Resources	9/2/04	9/8/04	6 days	24	0
Task 3.5	Conduct Training	9/9/04	6/29/05	293 days	1378	0
Task 4	Develop Phase 4 Training Program	7/1/05	4/12/07	650 days	3095	0
Task 4.1	Determine CJIS Training Requirements	7/1/05	7/14/05	13 days	72	0
Task 4.2	Determine Maintenance Training Requirements	7/15/05	8/11/05	27 days	144	0
Task 4.3	Develop Training Plan	8/12/05	8/25/05	13 days	100	0
Task 4.4	Assign Training Resources	8/26/05	9/1/05	6 days	24	0
Task 4.5	Conduct Training	9/2/05	4/12/07	587 days	2755	0

Deliverables:

Deliverable	*Finish*	*Status*
Phase 1 Training Program Complete	6/30/03	952
Phase 2 Training Program Complete	6/28/04	959
Phase 3 Training Program Complete	6/29/05	966
Phase 4 Training Program Complete	4/12/07	973

Issues, Risks, and Notes:

This project will rely on principles and decisions outlined in section VII of the Technology Architecture.

Involved Agencies:

- None Identified

PROJECT: DATA STANDARD UPDATE PROJECTS		
Project Number: M5	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

1060 Days

9/2/02 to 7/28/05

Project Resources (hours):

CJIS Project Manager	1280.0
CJIS Technical Architect	320.0
CJIS Technology Committee	160.0

Project Description:

This project represents the ongoing effort to maintain the state's data standards and dictionaries during each of the phase's development and acquisition of systems. The ongoing maintenance of the data definitions, data dictionary, and data standards is an important element of the CJIS effort to ensure the overall quality and consistency of the information used throughout the justice community. This is a multiphase project with a major task for each of the CJIS phases.

Benefits and Justification:

This project will maintain the investment in time and effort that North Dakota has expended on creating clear data standards to guide CJIS.

Business and Technology Goals Supported:

- Ensure access to information.
- Provide a standards-based environment.
- Minimize complexity.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Phase 1 Data Standards Update	9/2/02	9/27/02	25 days	440	0
Task 2	Phase 2 Data Standards Update	7/1/03	7/28/03	27 days	440	0
Task 3	Phase 3 Data Standards Update	7/1/04	7/28/04	27 days	440	0
Task 4	Phase 4 Data Standards Update	7/1/05	7/28/05	27 days	440	0

Deliverables:

Issues, Risks, and Notes:

As each application is completed, the data standards and data dictionary will be updated by project staff. This project represents the effort necessary to ensure consistency across the entire CJIS environment as each phase

progresses.

Involved Agencies:

- Information Technology Department

PROJECT: SECURITY POLICY UPDATE PROJECTS		
Project Number: M6	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

772 Days

7/1/03 to 8/11/05

Project Resources (hours):

CJIS Project Manager	360.0
CJIS Technical Architect	180.0
CJIS Technology Committee	72.0

Project Description:

This project represents the ongoing effort to maintain the state's security and access policies during each of the phase's development and acquisition of systems. The ongoing maintenance of the security and access policies is an important element of the CJIS effort to ensure overall control and proper access to information throughout the justice community. This is a multiphase project with a major task for each of the CJIS phases.

Benefits and Justification:

This project will maintain the investment in time and effort that North Dakota has expended on creating clear security policies to guide CJIS in Project 7B.

Business and Technology Goals Supported:

- Ensure access to information.
- Ensure privacy and accuracy.
- Ensure information security.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Phase 2 Security Policy Update	7/1/03	8/11/03	41 days	204	0
Task 2	Phase 3 Security Policy Update	7/1/04	8/11/04	41 days	204	0
Task 3	Phase 4 Security Policy Update	7/1/05	8/11/05	41 days	204	0

Deliverables:

Issues, Risks, and Notes:

As each application is completed, the security and access will be updated by project staff. This project represents the effort necessary to ensure consistency across the entire CJIS environment as each phase progresses.

Involved Agencies:

- Information Technology Department

PROJECT: TECHNICAL ARCHITECTURE UPDATES		
Project Number: M7	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

1761 Days

9/2/02 to 6/29/07

Project Resources (hours):

CJIS Technical Architect	2544.0
CJIS Project Manager	641.6
CJIS Project Director	320.8
CJIS Technology Committee	132.8
CJIS Executive Committee	100.8

Project Description:

This project represents the ongoing effort to maintain the state's technology architecture during each of the phase's development and acquisition of systems. The ongoing maintenance of the architecture is an important element of the CJIS effort to ensure overall quality and appropriate use of technologies throughout the justice community. This is a multiphase project with a major task for each of the CJIS phases and includes resource estimations for a Configuration Control Board and Design Reviews that support CJIS community involvement and management of the CJIS environment.

Benefits and Justification:

This project will maintain the investment in time and effort that North Dakota has expended on creating the technology architecture to guide CJIS.

Business and Technology Goals Supported:

- Provide a standards-based environment.
- Ensure responsive technology support.
- Ensure system flexibility.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop System Designs	9/2/02	2/23/06	1270 days	2444	0
Task 1.1	Develop Phase 1 Systems Designs	9/2/02	1/17/03	137 days	520	0
Task 1.2	Develop Phase 2 Systems Designs	7/1/03	11/17/03	139 days	520	0
Task 1.3	Develop Phase 3 Systems Designs	7/1/04	11/17/04	139 days	520	0
Task 1.4	Develop Phase 4 Systems Designs	7/1/05	2/23/06	237 days	884	0
Task 2	Review System Designs	12/30/02	3/2/06	1158 days	288	0
Task 2.1	Review Phase 1 Systems Designs	12/30/02	1/24/03	25 days	72	0
Task 2.2	Review Phase 2 Systems Designs	10/28/03	11/24/03	27 days	72	0
Task 2.3	Review Phase 3 Systems Designs	10/28/04	11/24/04	27 days	72	0

Task 2.4	Review Phase 4 Systems Designs	2/3/06	3/2/06	27 days	72	0
Task 3	Conduct Configuration Control Board (CCB) Activities	9/2/02	6/29/07	1761 days	504	0
Task 3.1	Phase 1 CCB Activities	9/2/02	6/30/03	301 days	86	0
Task 3.2	Phase 2 CCB Activities	7/1/03	6/30/04	365 days	105	0
Task 3.3	Phase 3 CCB Activities	7/1/04	6/30/05	364 days	104	0
Task 3.4	Phase 4 CCB Activities	7/1/05	6/29/07	728 days	208	0
Task 4	Maintain Technical Architecture Document	9/2/02	6/29/07	1761 days	504	0
Task 4.1	Update Technical Architecture During Phase 1	9/2/02	6/30/03	301 days	86	0
Task 4.2	Update Technical Architecture During Phase 2	7/1/03	6/30/04	365 days	105	0
Task 4.3	Update Technical Architecture During Phase 3	7/1/04	6/30/05	364 days	104	0
Task 4.4	Update Technical Architecture During Phase 4	7/1/05	6/29/07	728 days	208	0

Deliverables:

Deliverable	*Finish*	*Status*
Phase 1 Designs Approved	1/24/03	991
Phase 2 Designs Approved	11/24/03	993
Phase 3 Designs Approved	11/24/04	995
Phase 4 Designs Approved	3/2/06	997

Issues, Risks, and Notes:

As each application is completed, the technology architecture will be updated by project staff with a specific design packet for each application. This project represents the effort necessary to ensure consistency across the entire CJIS environment as each phase progresses.

Involved Agencies:

- Information Technology Department

PROJECT: MANAGE PROJECT BUDGET		
Project Number: M8	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$0
FY0304	$0
FY0405	$0
FY0506	$0
FY0607	$0
FY0708	$0

Project Duration:

1060 Days

9/2/02 to 7/28/05

Project Resources (hours):

CJIS Project Manager	416.0
Business Expert	160.0
CJIS Developer	160.0
CJIS Project Director	104.0
CJIS Technical Architect	96.0
CJIS Executive Committee	24.0
CJIS Technology Committee	16.0

Project Description:

This project represents the ongoing effort to maintain the CJIS project's tactical budget during each of the phases. The ongoing effort to define specific budget expenses and funding sources is an important element of the CJIS effort to ensure project progress. This is a multiphase project with a major task for each of the CJIS phases.

Benefits and Justification:

This project represents the management effort necessary to manage the specific project budgets and update the overall project budget during the course of the CJIS project.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Ensure responsive technology support.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Develop a Tactical Project Budget for Phase 1	9/2/02	9/27/02	25 days	244	0
Task 1.1	Determine Work Effort	9/2/02	9/13/02	11 days	88	0
Task 1.2	Balance Work Effort and Systems Costs	9/16/02	9/20/02	4 days	36	0
Task 1.3	Revise and Update Budget	9/23/02	9/27/02	4 days	120	0
Task 2	Develop a Tactical Project Budget for Phase 2	7/1/03	7/28/03	27 days	244	0
Task 2.1	Determine Work Effort	7/1/03	7/14/03	13 days	88	0
Task 2.2	Balance Work Effort and Systems Costs	7/15/03	7/21/03	6 days	36	0
Task 2.3	Revise and Update Budget	7/22/03	7/28/03	6 days	120	0
Task 3	Develop a Tactical Project Budget for Phase 3	7/1/04	7/28/04	27 days	244	0
Task 3.1	Determine Work Effort	7/1/04	7/14/04	13 days	88	0

Task 3.2	Balance Work Effort and Systems Costs	7/15/04	7/21/04	6 days	36	0
Task 3.3	Revise and Update Budget	7/22/04	7/28/04	6 days	120	0
Task 4	Develop a Tactical Project Budget for Phase 4	7/1/05	7/28/05	27 days	244	0
Task 4.1	Determine Work Effort	7/1/05	7/14/05	13 days	88	0
Task 4.2	Balance Work Effort and Systems Costs	7/15/05	7/21/05	6 days	36	0
Task 4.3	Revise and Update Budget	7/22/05	7/28/05	6 days	120	0

Deliverables:

Deliverable	*Finish*	*Status*
Phase 1 Tactical Project Budget	9/27/02	1013
Phase 2 Tactical Project Budget	7/28/03	1018
Phase 3 Tactical Project Budget	7/28/04	1023
Phase 4 Tactical Project Budget	7/28/05	1028

Issues, Risks, and Notes:

As each phase is completed, the project budget will be updated by the project director and presented to the CJIS Board.

Involved Agencies:

- Office of Attorney General
- Office of Attorney General, Bureau of Criminal Investigation
- Department of Health
- Department of Corrections and Rehabilitation
- Department of Transportation
- Information Technology Department
- North Dakota Judicial Branch
- North Dakota Highway Patrol
- Office of Management and Budget (State Radio)

PROJECT: PLAN IMPLEMENTATION ASSISTANCE		
Project Number: M9	Responsible Organization: North Dakota CJIS Project	Documentation Date: 4/16/02

Project Budget:

FY0203	$100,000
FY0304	$100,000
FY0405	$50,000
FY0506	$50,000
FY0607	$0
FY0708	$0

Project Duration:

1764 Days

9/2/02 to 7/2/07

Project Resources (hours):

CJIS Project Director	3000.0
Implementation Expert	1332.0
CJIS Database Administrator	504.0
CJIS Executive Committee	504.0
CJIS ITD Project Liaison	504.0
CJIS Technical Architect	480.0
CJIS Board	201.6
CJIS Executive Sponsor	100.8

Project Description:

During this project, CJIS executives will examine the technical services that may be outsourced to a service provider, such as quality assurance and project implementation assistance. The cost-effectiveness of outsourcing these solutions will be evaluated in terms of the possible benefits and a decision will be made about the specific services that may be outsourced.

Benefits and Justification:

This is an important project to the success of CJIS. It represent the involvement of experienced individuals to ensure that project staff have the knowledge and experience necessary to complete each project within the portfolio while maintaining the overall vision of the CJIS project itself.

Business and Technology Goals Supported:

- Ensure effective operations.
- Implement cost effective systems.
- Provide a standards-based environment.

Task Plan:

WBS	*Task Name*	*Start*	*Finish*	*Duration*	*Work*	*% Cmpl*
Task 1	Assist in Managing Project Activities	9/2/02	7/2/07	1764 days	1332	0
Task 1.1	Assist With Phase 1 Activities	9/2/02	1/31/03	151 days	132	0
Task 1.2	Assist With Phase 2 Activities	7/1/03	4/27/04	301 days	259	0
Task 1.3	Assist With Phase 3 Activities	7/1/04	7/1/05	365 days	314	0
Task 1.4	Assist With Phase 4 Activities	7/1/05	7/2/07	731 days	626	0
Task 2	Monitor and Report Progress	9/2/02	6/29/07	1761 days	4334	0
Task 2.1	Monitor Phase 1 Activities	9/2/02	6/30/03	301 days	743	0
Task 2.2	Monitor Phase 2 Activities	7/1/03	6/30/04	365 days	901	0

Task 2.3	Monitor Phase 3 Activities	7/1/04	6/30/05	364 days	898	0
Task 2.4	Monitor Phase 4 Activities	7/1/05	6/29/07	728 days	1792	0
Task 3	Assist in Updating Plans	7/1/03	7/28/06	1123 days	960	0
Task 3.1	Update Project Plan for Phase 2	7/1/03	7/14/03	13 days	160	0
Task 3.2	Update Project Plan for Phase 3	7/1/04	7/14/04	13 days	160	0
Task 3.3	Update Project Plan for Phase 4	7/1/05	7/28/05	27 days	320	0
Task 3.4	Update Project Plan for Future Phase	7/3/06	7/28/06	25 days	320	0

Deliverables:

Deliverable	*Finish*	*Status*
Phase 2 Plans Updated	7/14/03	1042
Phase 3 Plans Updated	7/14/04	1044
Phase 4 Plans Updated	7/28/05	1046
Future Phase Plans Updated	7/28/06	1048

Issues, Risks, and Notes:

This project effort is often overlooked or neglected until the project is in trouble. The benefit of having an expert assist project staff is that potentially significant issues are identified and mitigated early in the project, avoiding problems and costs before they are out of control.

Involved Agencies:

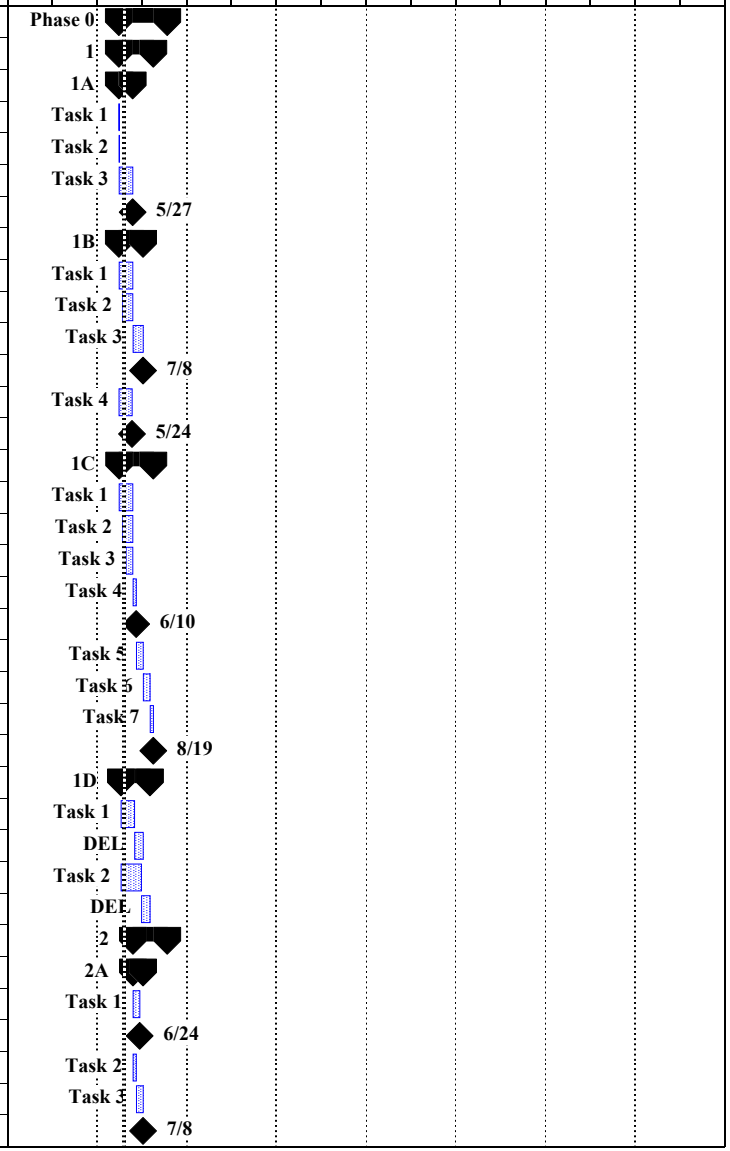
- Information Technology Department

APPENDIX D

DETAILED PROJECT SCHEDULE

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Phase 0	**IMPLEMENTATION PREPARATION**
1	**GOVERNANCE PROJECTS**
1A	**GOVERNANCE FINALIZATION**
Task 1	Present Governance Structure to CJIS Board
Task 2	Approve Governance Structure
Task 3	Implement Governance Structure
DEL	*Governance Structure Implemented*
1B	**MANAGEMENT REPORTING MECHANISMS**
Task 1	Define Business Performance Measurement Process
Task 2	Define Technical Performance Measures
Task 3	Define Interface/Messaging Performance Measures
DEL	*Performance Measurement Plan*
Task 4	Develop a Marketing and Communications Plan
DEL	*Marketing and Communication Plans Completed*
1C	**TACTICAL BUDGET IMPLEMENTATION**
Task 1	Establish Internal Cost-Sharing Mechanisms
Task 2	Determine Work Effort
Task 3	Determine System Costs
Task 4	Balance Work Effort and Systems Costs
DEL	*Project Budget (Draft)*
Task 5	Review Draft Project Budget
Task 6	Develop Long-Term Funding Plan
Task 7	Revise and Update Budget
DEL	*Project Budget*
1D	**PROJECT DIRECTOR**
Task 1	Identify the Project Director
DEL	*Project Director Named*
Task 2	Identify the CJIS Technical Architect
DEL	*CJIS Technical Architect Named*
2	**MANAGEMENT PROJECTS**
2A	**PROJECT MANAGEMENT CONTROLS**
Task 1	Define Project Management Controls
DEL	*Controls Defined*
Task 2	Review Project Management Controls
Task 3	Implement Project Management Controls
DEL	*Controls Implemented*



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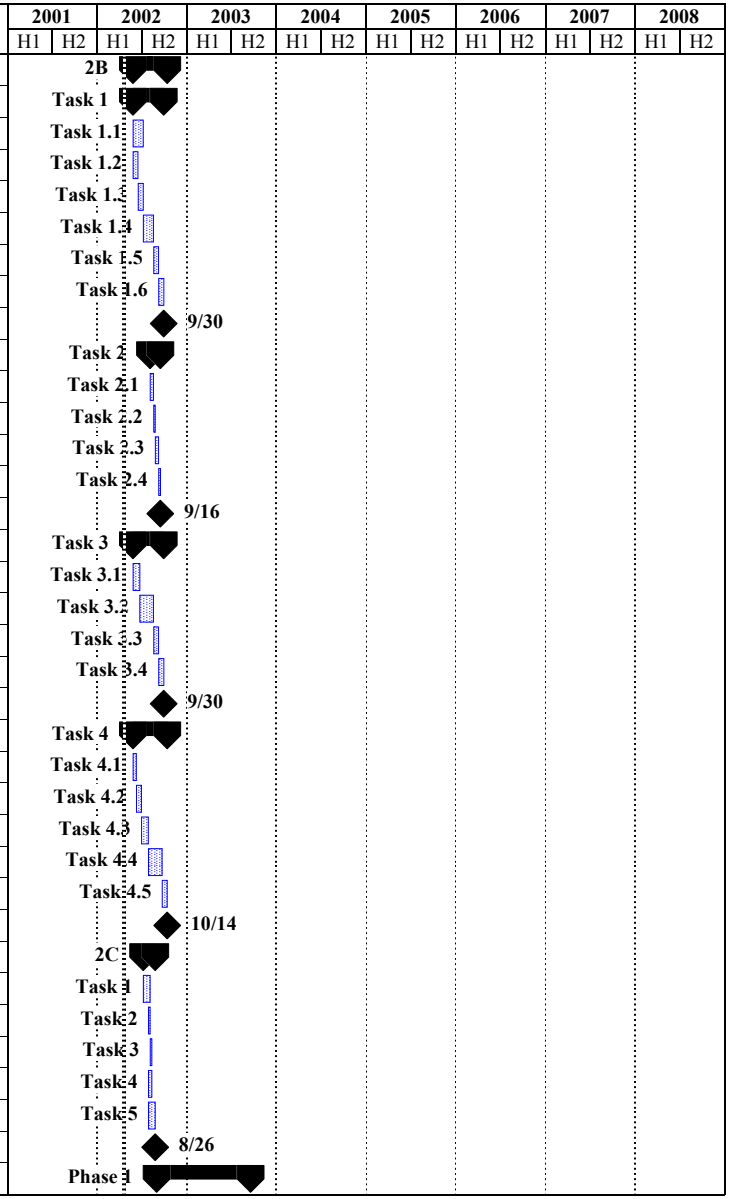
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
2B	**PROJECT RESOURCE ACQUISITION**
Task 1	**Develop Outsourcing Strategy**
Task 1.1	Define Outsourcing Requirements
Task 1.2	Contact Outsourcing Vendors
Task 1.3	Develop Request for Proposal (RFP)
Task 1.4	Post RFP and Solicit Proposals
Task 1.5	Review and Evaluate Proposals
Task 1.6	Negotiate Contract
DEL	*Outsourcing Vendor Contract*
Task 2	**Update Consultant Contracts**
Task 2.1	Define Contract Strategy
Task 2.2	Identify Deliverables
Task 2.3	Negotiate Contract Changes
Task 2.4	Execute Consultant Contract Amendments
DEL	*Revised Consultant Contract*
Task 3	**Acquire Web Developers**
Task 3.1	Develop RFP
Task 3.2	Post RFP and Solicit Proposals
Task 3.3	Review and Evaluate Proposals
Task 3.4	Negotiate Contract
DEL	*Wed Developer Contract*
Task 4	**Modify Existing Vendor Contract**
Task 4.1	Define Contract Strategy
Task 4.2	Verify Current Contract Deliverables
Task 4.3	Identify New Contract Deliverables
Task 4.4	Negotiate Contract Changes
Task 4.5	Finalize Existing Vendor Changes
DEL	*Revised Existing Vendor Contracts*
2C	**CONFIGURATION MANAGEMENT SYSTEM**
Task 1	Document System
Task 2	Identify and Define Needed Software Products
Task 3	Define Current Version Release Methods
Task 4	Define Configuration Management Components
Task 5	Establish the Configuration Management Process
DEL	*Configuration Management System Implemented*
Phase 1	**PROOF OF CONCEPT**



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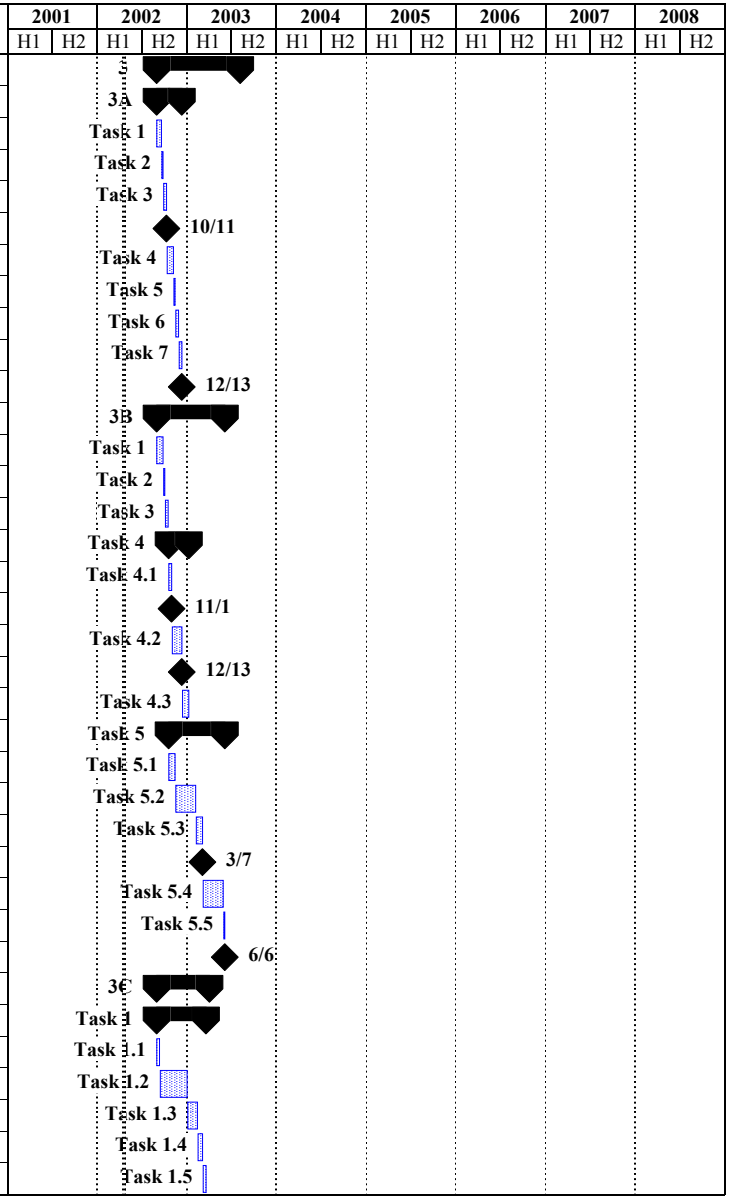
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
3	**INFRASTRUCTURE LAYER**
3A	**SECURITY AUDIT AND DETAILED DESIGN**
Task 1	Define Security Audit Framework
Task 2	Contract for Audit Vendor
Task 3	Conduct Security Audit
DEL	*Security Audit Complete*
Task 4	Analyze Security Requirements
Task 5	Conduct Site and Needs Planning
Task 6	Design Site and Infrastructure Security Topologies
Task 7	Verify Security Design
DEL	*Security Design Complete*
3B	**CJIS DATA CENTER**
Task 1	Evaluate Facility Requirements
Task 2	Determine Network Infrastructure Capabilities
Task 3	Review System Technical Requirements
Task 4	**Implement Development Server**
Task 4.1	Analyze Sizing Requirements and Processes
DEL	*Development System Requirements*
Task 4.2	Acquire Development Systems
DEL	*Development System Ready*
Task 4.3	Design System Infrastructure
Task 5	**Implement Production Server**
Task 5.1	Design Production System Infrastructure
Task 5.2	Acquire New Production Equipment
Task 5.3	Implement New Production Equipment
DEL	*Production Server Ready*
Task 5.4	Complete Necessary Consolidation
Task 5.5	Validate Environment Operational
DEL	*All Production Servers Installed*
3C	**SECURITY IMPLEMENTATION**
Task 1	**Select and Deploy Security Infrastructure**
Task 1.1	Determine Security Systems Requirements
Task 1.2	Acquire Security Systems Infrastructure
Task 1.3	Deploy Security Systems Infrastructure
Task 1.4	Test and Evaluate Security Systems
Task 1.5	Adjust and Finalize Security Systems



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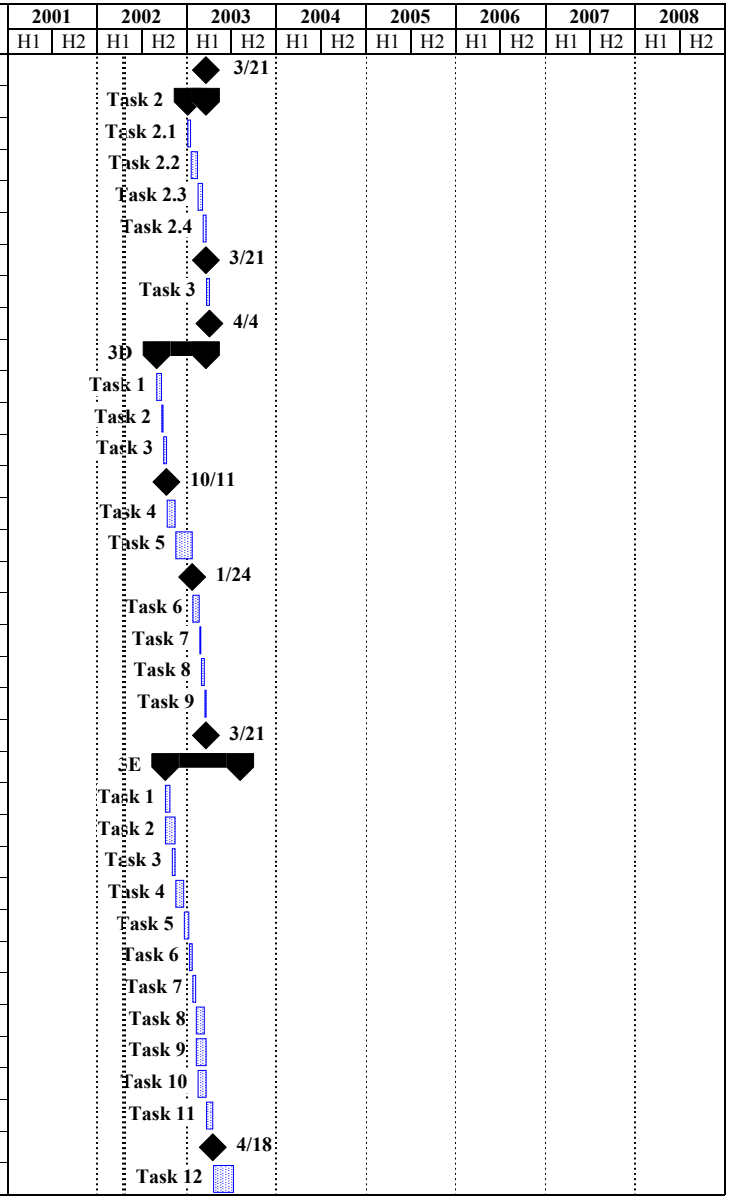
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*Initial Security System Completed*
Task 2	**Integrate Security Tools With Antivirus System**
Task 2.1	Determine Integration Requirements
Task 2.2	Integrate Services
Task 2.3	Test and Evaluate Integrated Services
Task 2.4	Adjust and Finalize Security Integration
DEL	*Network Management Integrated With Antivirus System*
Task 3	Validate Integrated Security Services
DEL	*Security Systems Deployed and Integrated*
3D	**AUDIT AND LOGGING SUBSYSTEM**
Task 1	Analyze Report Requirements and Audit Processes
Task 2	Conduct Joint Audit Review Session
Task 3	Reconcile Audit Requirements
DEL	*Document Audit Requirements*
Task 4	Design Audit System
Task 5	Develop Audit System
DEL	*Audit System Build Complete*
Task 6	Conduct User Testing
Task 7	Correct User Testing Reports
Task 8	Develop Operational Configuration and Jobs
Task 9	Implement Reports and Audits
DEL	*Audit System Certification*
3E	**LAW ENFORCEMENT INFRASTRUCTURE**
Task 1	Define System Requirements
Task 2	Define Local Participation
Task 3	Develop RFP
Task 4	Post RFP and Solicit Proposals
Task 5	Review and Evaluate Proposals
Task 6	Negotiate Contract
Task 7	Validate Conceptual Design
Task 8	Develop Conversion and Implementation Plans
Task 9	Deploy System Components
Task 10	Integrate System With Index Server
Task 11	Verify System Functionality and Components
DEL	*Regional System Design Verified*
Task 12	Implement Systems With LERMS



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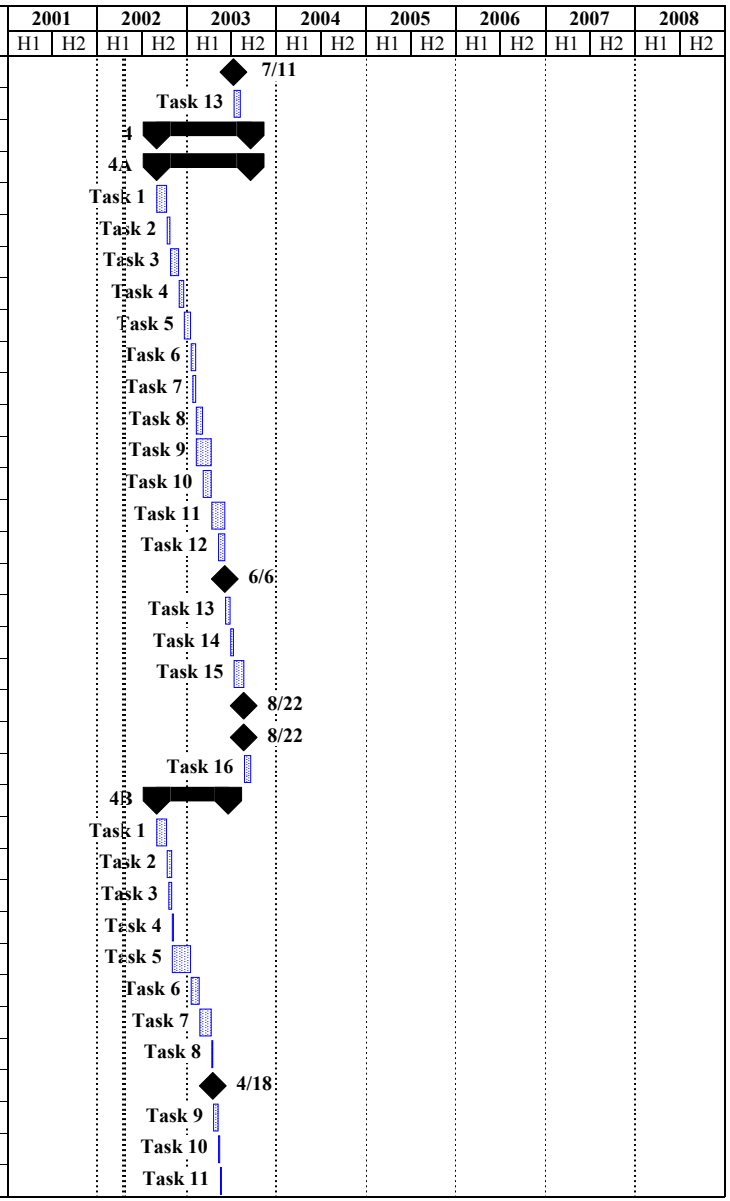
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*LERMS Infrastructure and Software Installed*
Task 13	Monitor System Production
4	**APPLICATION LAYER**
4A	**COMMON LAW ENFORCEMENT APPLICATION (INCLUDING BCI)**
Task 1	Define System Requirements
Task 2	Develop RFP
Task 3	Post RFP and Solicit Proposals
Task 4	Review and Evaluate Proposals
Task 5	Negotiate Contract
Task 6	Validate Conceptual Design
Task 7	Validate Interface Design
Task 8	Develop Conversion and Implementation Plan
Task 9	Deploy System Components
Task 10	Integrate System With Index Server
Task 11	Pilot System (Beta Version)
Task 12	Verify System Functionality and Components
DEL	*LERMS Pilot Verified*
Task 13	Update/Refine System Components From Pilot
Task 14	Verify Production Quality System
Task 15	Implement Systems
DEL	*LERMS Software Installed*
DEL	*Initial LERMS Interface Completed*
Task 16	Monitor System Production
4B	**UCR AND IBR REPOSITORY**
Task 1	Define System Requirements
Task 2	Validate Conceptual Design
Task 3	Validate Interface Design
Task 4	Develop Conversion and Implementation Plan
Task 5	Deploy System Components
Task 6	Integrate System With Index Server
Task 7	Pilot System (Beta Version)
Task 8	Verify System Functionality and Components
DEL	*UCR and IBR Repository Pilot Verified*
Task 9	Update/Refine System Components From Pilot
Task 10	Verify Production Quality System
Task 11	Implement Systems



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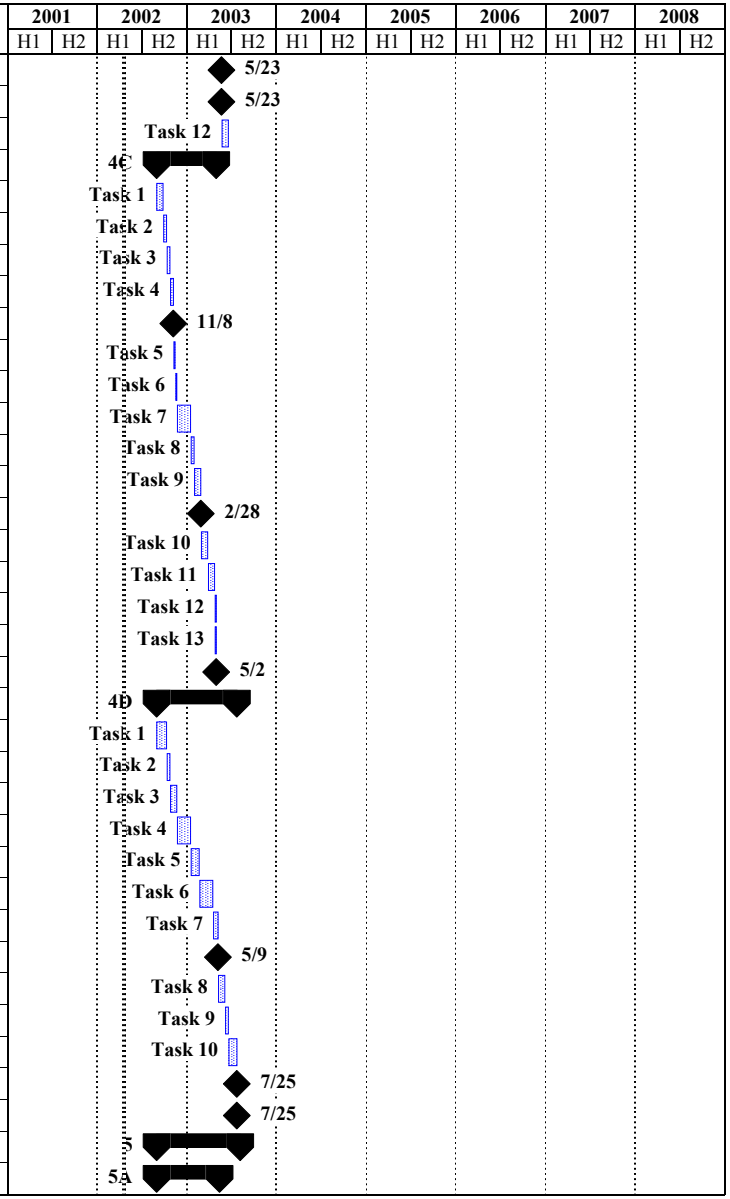
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*UCR and IBR Repository Operational*
DEL	*Initial UCR and IBR Repository Interface Completed*
Task 12	Monitor System Production
4C	**USER INFORMATION SYSTEM (UIS)**
Task 1	Develop UIS Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*UIS Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
Task 9	Test and Validate UIS to LDAP Interface
DEL	*UIS Pilot Complete*
Task 10	Test and Evaluate Interface (Users)
Task 11	Update and Repair Test System
Task 12	Implement UIS to LDAP Interface
Task 13	Implement Web Site
DEL	*UIS Complete*
4D	**AFIS UPGRADE**
Task 1	Review System Requirements
Task 2	Validate Interface Design
Task 3	Develop Conversion and Implementation Plan
Task 4	Deploy System Components
Task 5	Integrate System With CJIS Integration Backbone
Task 6	Pilot Upgraded System (Beta Version)
Task 7	Verify System Functionality and Components
DEL	*AFIS Pilot Verified*
Task 8	Update/Refine System Components From Pilot
Task 9	Verify Production Quality System
Task 10	Implement Systems
DEL	*AFIS Systems Installed*
DEL	*AFIS Interface Completed*
5	**PUBLICATION LAYER**
5A	**PORTAL DESIGN AND SCOPE**



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
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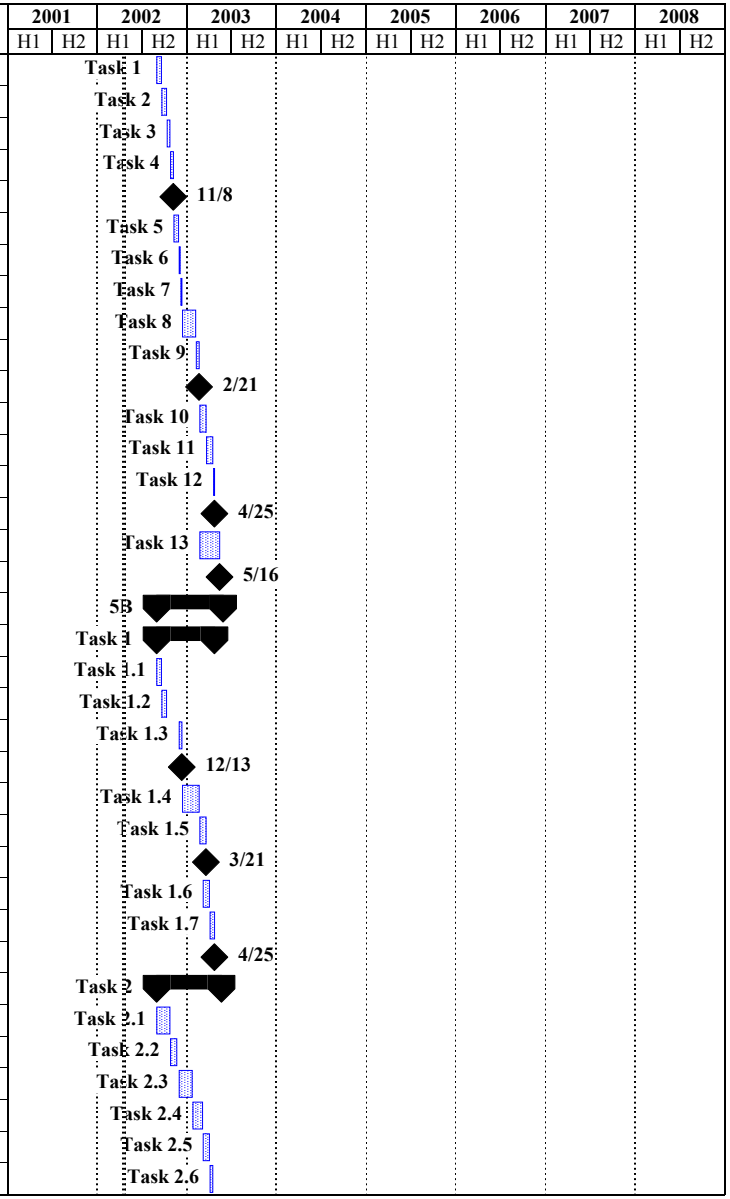
Milestone | Rolled Up Milestone | External Tasks | External Milestone | External Milestone

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 1	Develop Access Strategy and Plan
Task 2	Define Requirements
Task 3	Review Data Needs
Task 4	Develop Information Views
DEL	*Requirements Document*
Task 5	Design Web Portal Interface
Task 6	Design Look and Feel
Task 7	Review and Approve Design
Task 8	Construct Generic Web Site
Task 9	Test and Evaluate Web Site
DEL	*Portal Pilot Complete*
Task 10	Test and Evaluate Interface (Users)
Task 11	Update and Repair Test System
Task 12	Implement Web Site
DEL	*Portal Complete*
Task 13	Develop Message Gateway Detailed Design
DEL	*Integration Backbone Specification Complete*
5B	**CENTRAL PUBLICATION ENGINE/MASTER INDEX**
Task 1	**Develop Central Publication Engine**
Task 1.1	Analyze and Document Requirements
Task 1.2	Review Data Needs
Task 1.3	Design Publish and Search Intranet
DEL	*Search Design Complete*
Task 1.4	Develop Publish and Search Intranet
Task 1.5	Test and Evaluate Beta Search Engine
DEL	*Pilot Search Engine*
Task 1.6	Update and Repair Beta Search Engine
Task 1.7	Implement First Production Release
DEL	*Search Engine Implemented*
Task 2	**Design and Implement Master Index**
Task 2.1	Define Requirements
Task 2.2	Develop Conceptual Design
Task 2.3	Develop Detailed Design
Task 2.4	Develop Database and Programs
Task 2.5	Test and Evaluate System
Task 2.6	Implement Beta System



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
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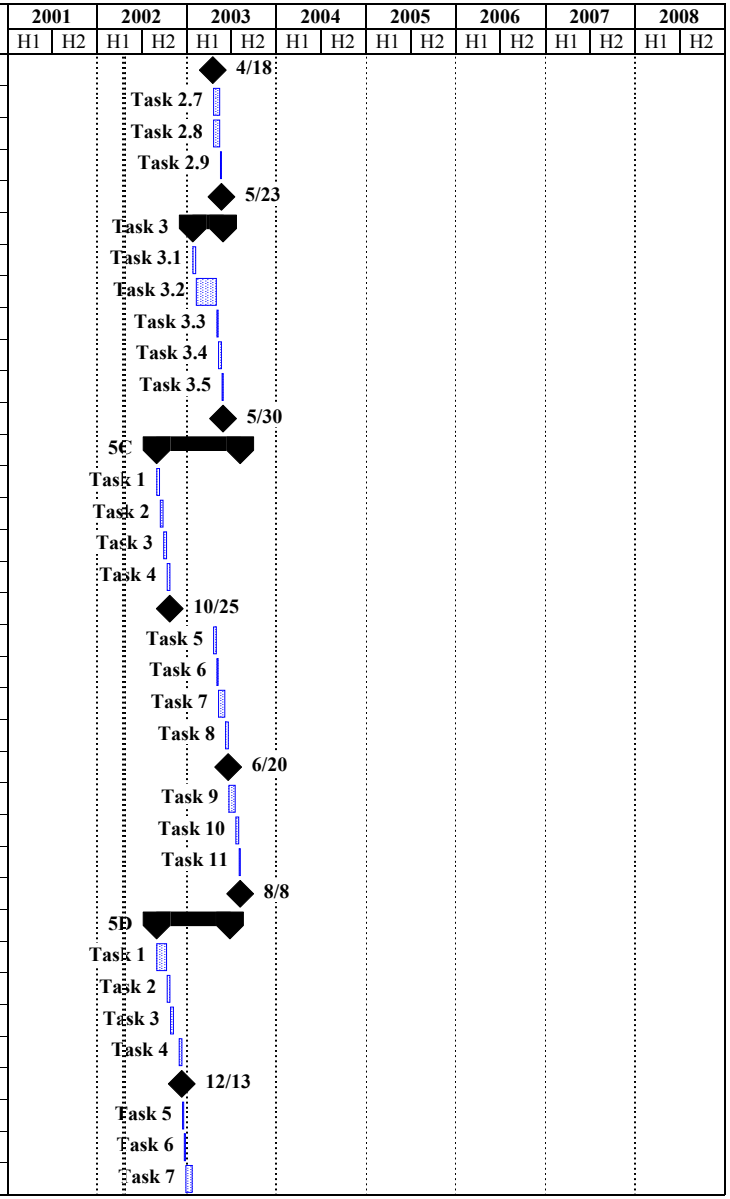
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*Pilot CJIS Master Index*
Task 2.7	Test and Evaluate System
Task 2.8	Update Beta Index Server
Task 2.9	Implement First Production Release
DEL	*Initial CJIS Master Index Implemented*
Task 3	**Implement Message Exchange**
Task 3.1	Determine Hardware Requirements for Exchange
Task 3.2	Acquire Server and Software
Task 3.3	Implement Message Exchange Hardware
Task 3.4	Implement Message Exchange Software
Task 3.5	Validate Operational Status
DEL	*Message Exchange Operational*
5C	**UCR AND IBR REPOSITORY INFORMATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*UCR and IBR Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*UCR and IBR Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*UCR and IBR Publication Complete*
5D	**UCIS DATA WAREHOUSE LINK**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*UCIS Warehouse Link Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
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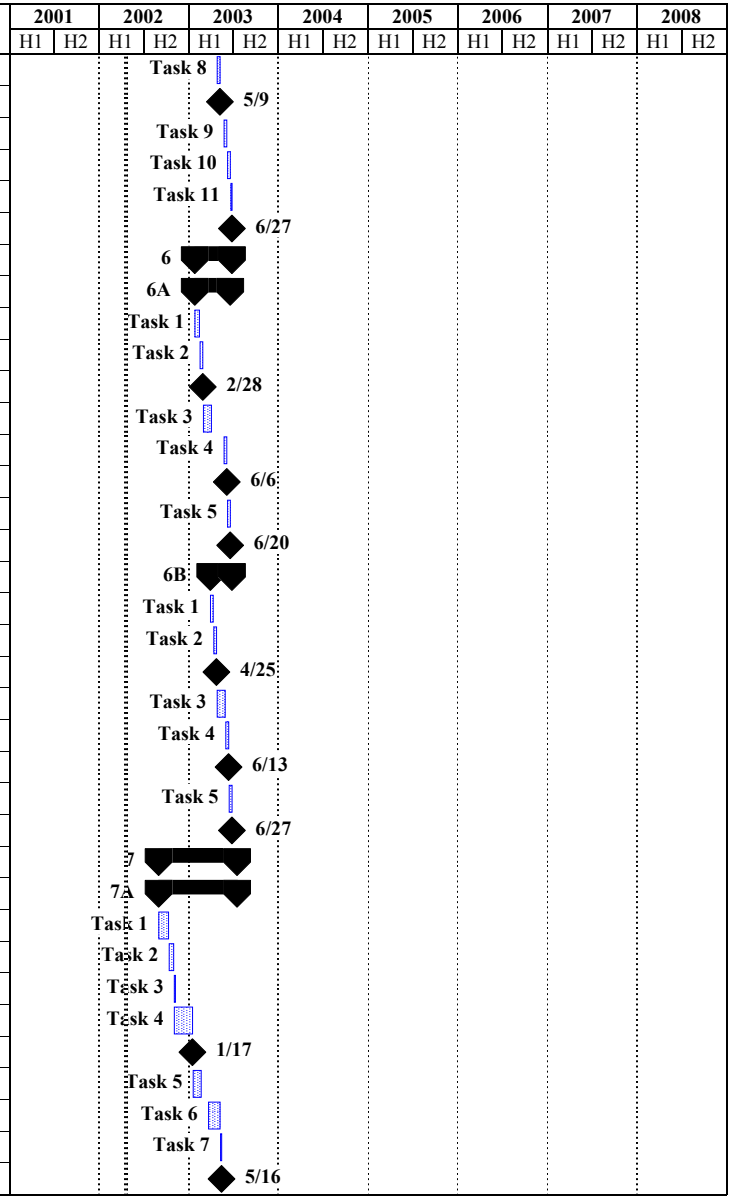
Milestone | Rolled Up Milestone | External Tasks | External Milestone | External Milestone

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 8	Test and Evaluate Web Site
DEL	*UCIS Warehouse Link Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*UCIS Warehouse Link Complete*
6	**INTEGRATION LAYER**
6A	**DISPOSITION INTERFACE**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Disposition Interface Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Disposition Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Disposition Interface Complete*
6B	**LOCAL LAW ENFORCEMENT TO UCR INTERFACE(S)**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Local Law Enforcement to UCR Interface Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Local Law Enforcement to UCR Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Local Law Enforcement to UCR Interface Complete*
7	**SUPPORTING PROJECTS**
7A	**STATUTE AND DISPOSITION MATRIX**
Task 1	Define Matrix Requirements
Task 2	Validate Conceptual Design
Task 3	Develop Conversion and Implementation Plan
Task 4	Develop Matrix
DEL	*Statute and Disposition Matrix Developed*
Task 5	Integrate System With Index Server
Task 6	Pilot System (Beta Version)
Task 7	Verify System Functionality and Components
DEL	*Statute and Disposition Matrix Pilot Verified*



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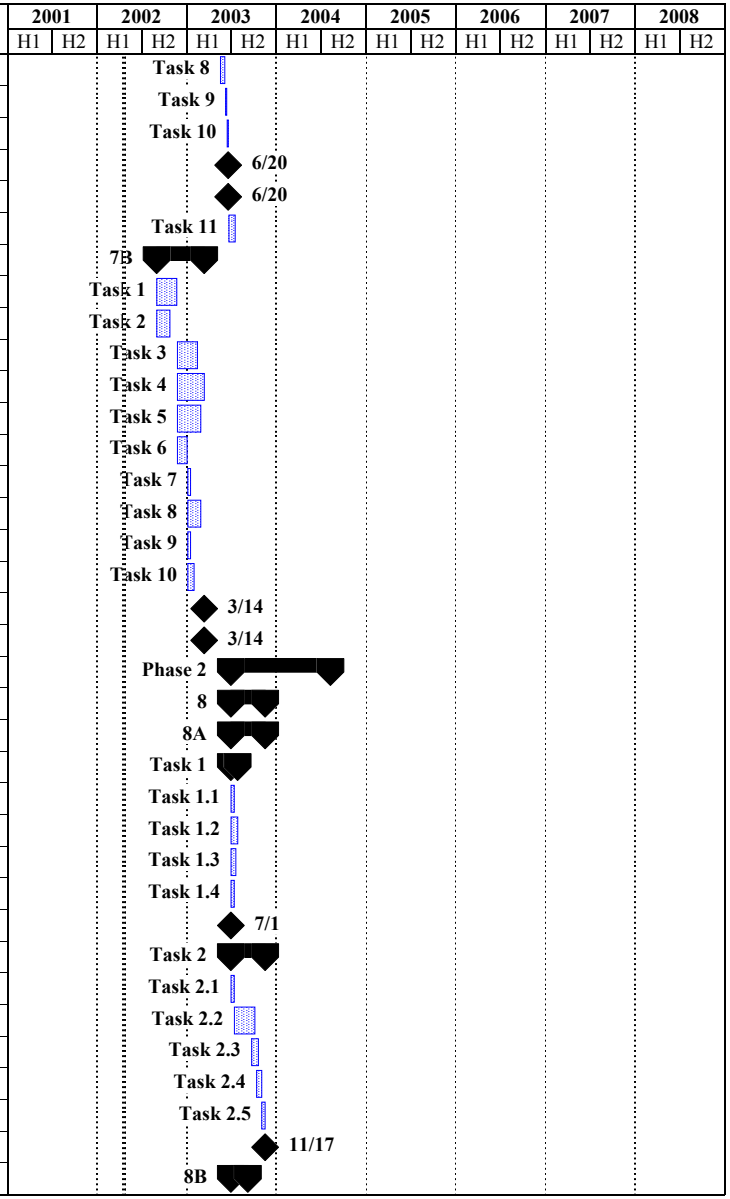
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 8	Update/Refine System Components From Pilot
Task 9	Verify Production Quality System
Task 10	Implement Related Subsystems
DEL	*Statute and Disposition Matrix Operational*
DEL	*Statute and Disposition Matrix Interfaces Completed*
Task 11	Monitor Production Subsystems
7B	**ACCESS AND SECURITY POLICY**
Task 1	Define Records Collection and Dissemination Policy
Task 2	Define Records Management Policy
Task 3	Clarify Juvenile Records/Information Access Policies
Task 4	Define and Maintain Information Exchanges Policy Model
Task 5	Define Security Policies
Task 6	Define Network Security Rules
Task 7	Define Account Rules
Task 8	Define Internet Access Policies
Task 9	Define Security Rules for Remote Access
Task 10	Define Security Rules for Wireless Access
DEL	*Security Policies Defined*
DEL	*Updated Policy Manuals*
Phase 2	**BACKBONE DEVELOPMENT**
8	**INFRASTRUCTURE LAYER**
8A	**SECURITY SUBSYSTEM ENHANCEMENT**
Task 1	**Integrate Security Tools With Network Management System**
Task 1.1	Determine Integration Requirements
Task 1.2	Integrate Services
Task 1.3	Test and Evaluate Integrated Services
Task 1.4	Adjust and Finalize Security Integration
DEL	*Network Management Integrated With Security*
Task 2	**Implement Intrusion Detection System (IDS)**
Task 2.1	Determine IDS Requirements
Task 2.2	Acquire IDS Infrastructure
Task 2.3	Deploy IDS Infrastructure
Task 2.4	Test and Evaluate IDS
Task 2.5	Adjust and Finalize IDS
DEL	*IDS Complete*
8B	**VPN INFRASTRUCTURE PILOT**



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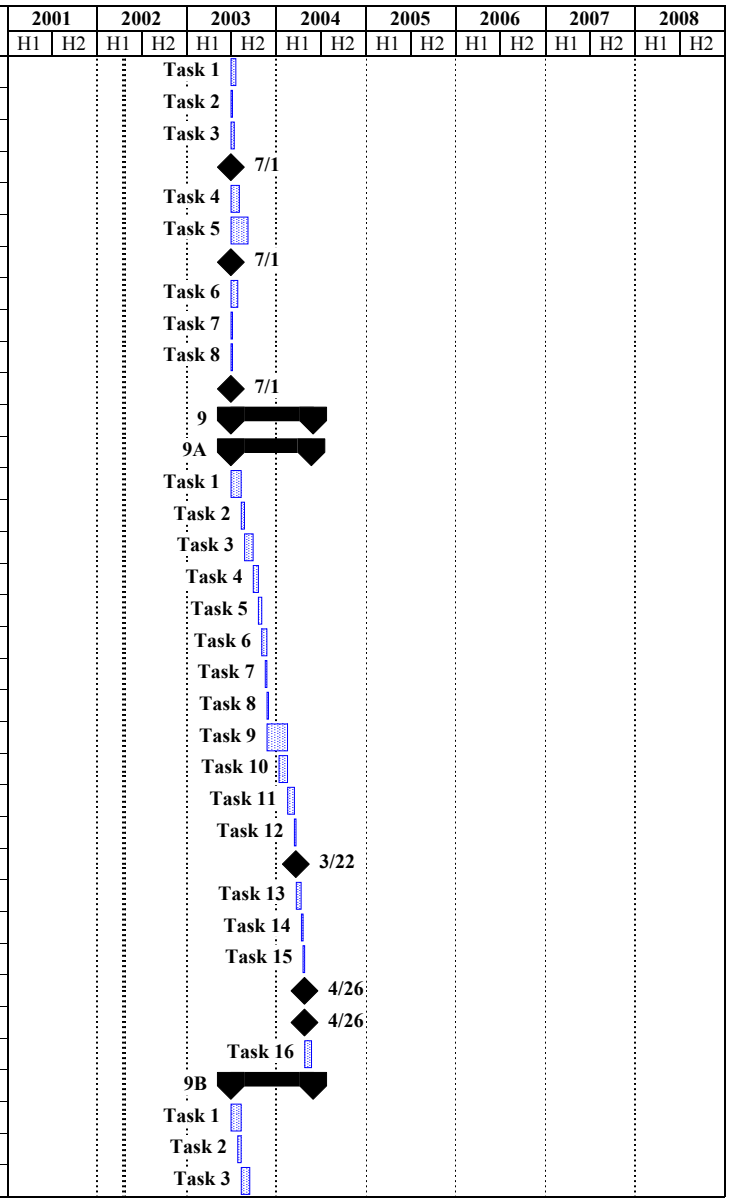
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 1	Analyze VPN Requirements
Task 2	Conduct Joint VPN Review Session
Task 3	Reconcile VPN Requirements
DEL	*Document VPN Requirements*
Task 4	Design VPN System
Task 5	Develop VPN Pilot System
DEL	*Pilot VPN Installation Complete*
Task 6	Conduct User Testing
Task 7	Correct User Testing Reports
Task 8	Certify Pilot VPN System
DEL	*VPN Pilot System Certified*
9	**APPLICATION LAYER**
9A	**COMMON JAIL APPLICATION**
Task 1	Define System Requirements
Task 2	Develop RFP
Task 3	Post RFP and Solicit Proposals
Task 4	Review and Evaluate Proposals
Task 5	Negotiate Contract
Task 6	Validate Conceptual Design
Task 7	Validate Interface Design
Task 8	Develop Conversion and Implementation Plan
Task 9	Deploy System Components
Task 10	Integrate System With Index Server
Task 11	Pilot System (Beta Version)
Task 12	Verify System Functionality and Components
DEL	*Local Jail System Pilot Verified*
Task 13	Update/Refine System Components From Pilot
Task 14	Verify Production Quality System
Task 15	Implement Systems
DEL	*Local Jail System Software Installed*
DEL	*Initial Local Jail System Interface Completed*
Task 16	Monitor System Production
9B	**COMMON STATE'S ATTORNEY APPLICATION**
Task 1	Define System Requirements
Task 2	Develop RFP
Task 3	Post RFP and Solicit Proposals



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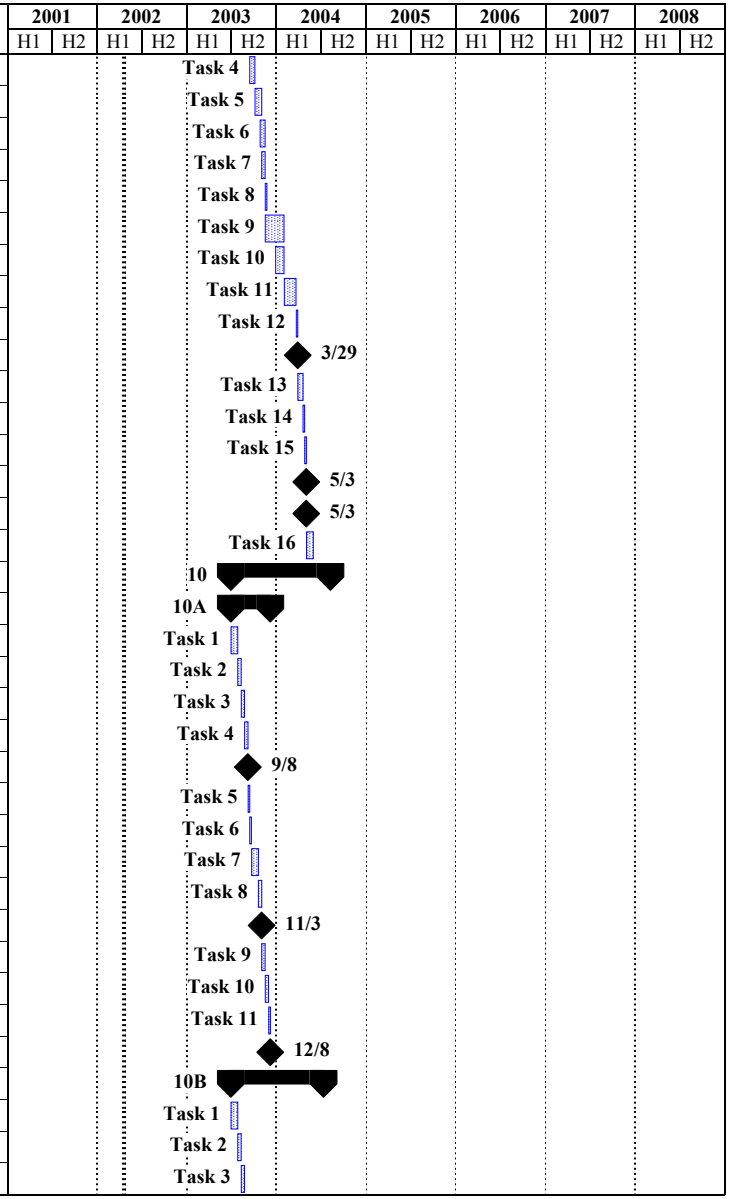
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 4	Review and Evaluate Proposals
Task 5	Negotiate Contract
Task 6	Validate Conceptual Design
Task 7	Validate Interface Design
Task 8	Develop Conversion and Implementation Plan
Task 9	Deploy System Components
Task 10	Integrate System With Index Server
Task 11	Pilot System (Beta Version)
Task 12	Verify System Functionality and Components
DEL	*ACMS Pilot Verified*
Task 13	Update/Refine System Components From Pilot
Task 14	Verify Production Quality System
Task 15	Implement Systems
DEL	*ACMS Software Installed*
DEL	*Initial ACMS Interface Completed*
Task 16	Monitor System Production
10	**PUBLICATION LAYER**
10A	**SEX OFFENDER REGISTRY (SOR)**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*SOR Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*SOR Pilot Complete*
Task 9	User Test and Evaluate Interface
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*SOR Complete*
10B	**JAIL INFORMATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views



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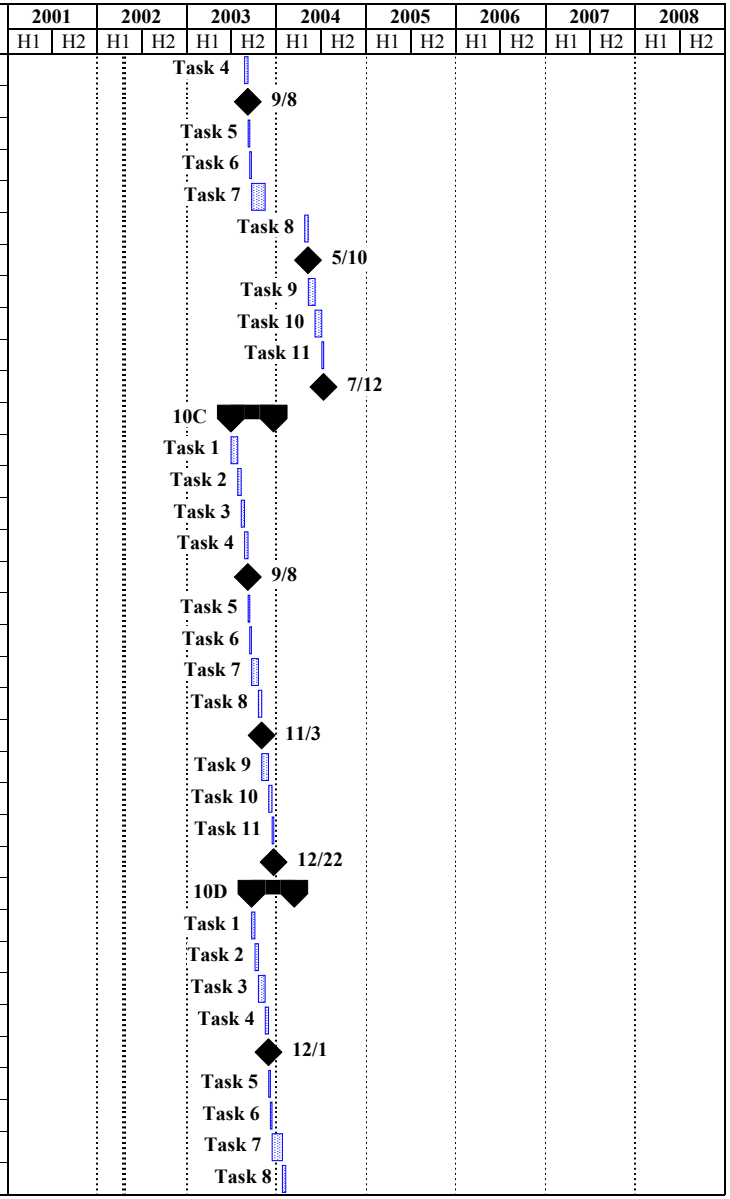
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 4	Define Requirements
DEL	*Jail Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*Jail Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*Jail Publication Complete*
10C	**PROTECTION ORDER AND WARRANT INFORMATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*Protection Order and Warrant Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*Protection Order and Warrant Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*Protection Order and Warrant Publication Complete*
10D	**COURT CALENDARS INFORMATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*Court Calendar Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site



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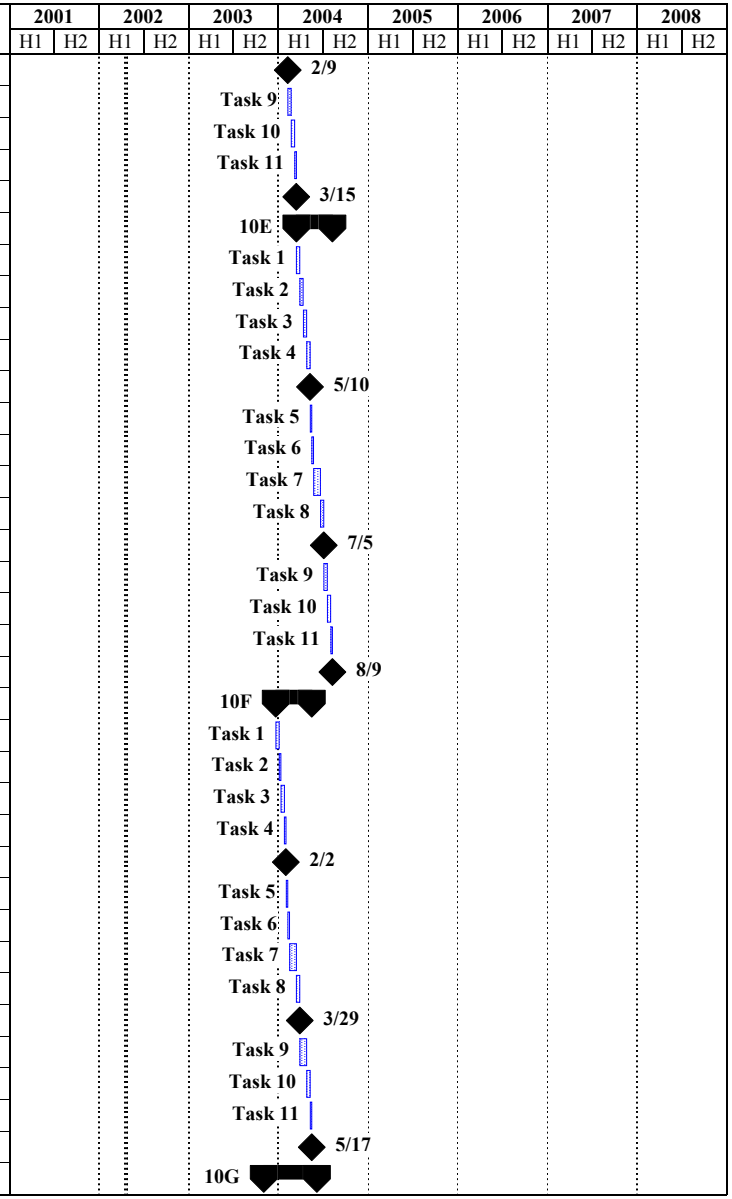
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*Court Calendar Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*Court Calendar Publication Complete*
10E	**VEHICLE REGISTRATION INFORMATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*Vehicle Registration Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*Vehicle Registration Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*Vehicle Registration Publication Complete*
10F	**CCH PUBLICATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*CCH Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*CCH Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*CCH Publication Complete*
10G	**COURT ORDER INFORMATION**



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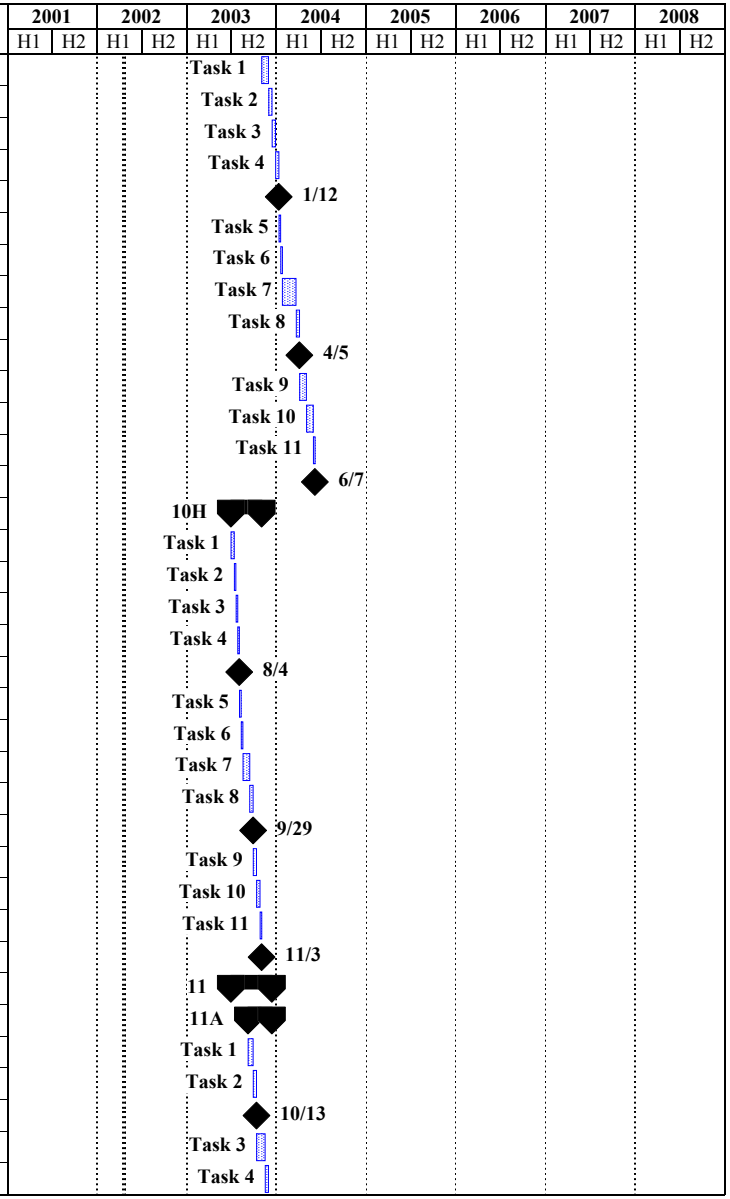
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*Court Order Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*Court Order Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*Court Order Publication Complete*
10H	**UCIS CASE INFORMATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*UCIS Case Information Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*UCIS Case Information Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*UCIS Case Information Publication Complete*
11	**INTEGRATION LAYER**
11A	**STATE'S ATTORNEY CASE INFORMATION**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*State's Attorney Case Information Interface Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
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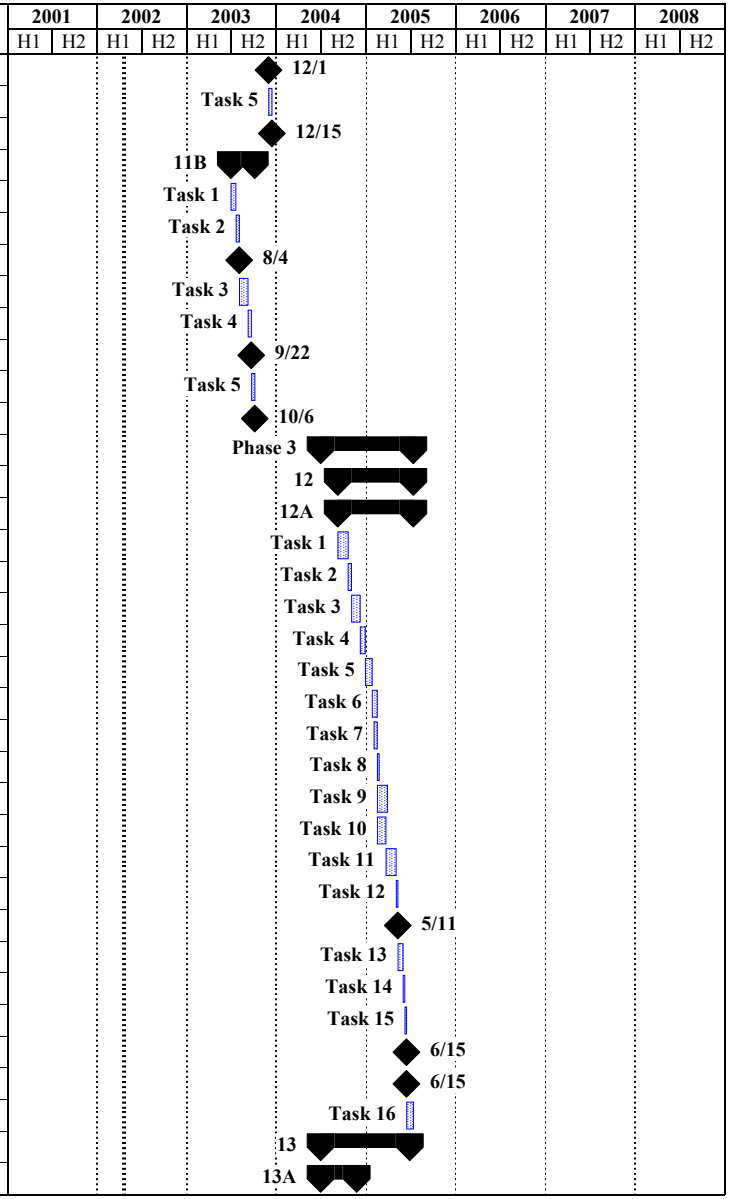
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*State's Attorney Case Information Interface Pilot Complete*
Task 5	Implement Interface
DEL	*State's Attorney Case Information Interface Complete*
11B	**VICTIM NOTIFICATION**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Victim Notification Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Victim Notification Pilot Complete*
Task 5	Implement Interface
DEL	*Victim Notification Interface Complete*
Phase 3	**CJIS EXPANSION**
12	**APPLICATION LAYER**
12A	**COMMON FIELD REPORTING APPLICATION**
Task 1	Define System Requirements
Task 2	Develop RFP
Task 3	Post RFP and Solicit Proposals
Task 4	Review and Evaluate Proposals
Task 5	Negotiate Contract
Task 6	Validate Conceptual Design
Task 7	Validate Interface Design
Task 8	Develop Conversion and Implementation Plan
Task 9	Deploy System Components
Task 10	Integrate System With Index Server
Task 11	Pilot System (Beta Version)
Task 12	Verify System Functionality and Components
DEL	*Field Reporting Pilot Verified*
Task 13	Update/Refine System Components From Pilot
Task 14	Verify Production Quality System
Task 15	Implement Systems
DEL	*Field Reporting Software Installed*
DEL	*Initial Field Reporting Interface Completed*
Task 16	Monitor System Production
13	**PUBLICATION LAYER**
13A	**DOCSTARS INFORMATION**



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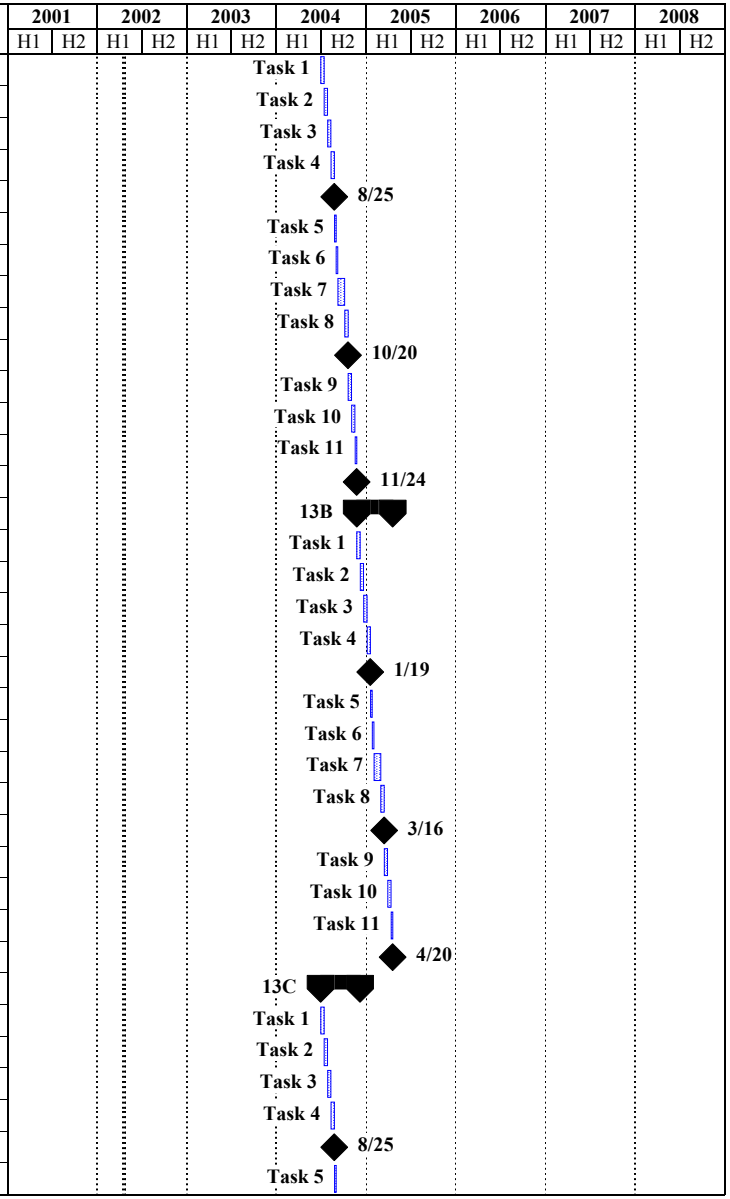
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*DOCSTARS Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*DOCSTARS Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*DOCSTARS Publication Complete*
13B	**TAG INFORMATION**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*TAG Publication Requirements Document*
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*TAG Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*TAG Publication Complete*
13C	**DRIVER ABSTRACT INFORMATION AND PHOTOS**
Task 1	Develop Publication Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*Driver Abstract and Photo Publication Requirements Document*
Task 5	Design Look and Feel



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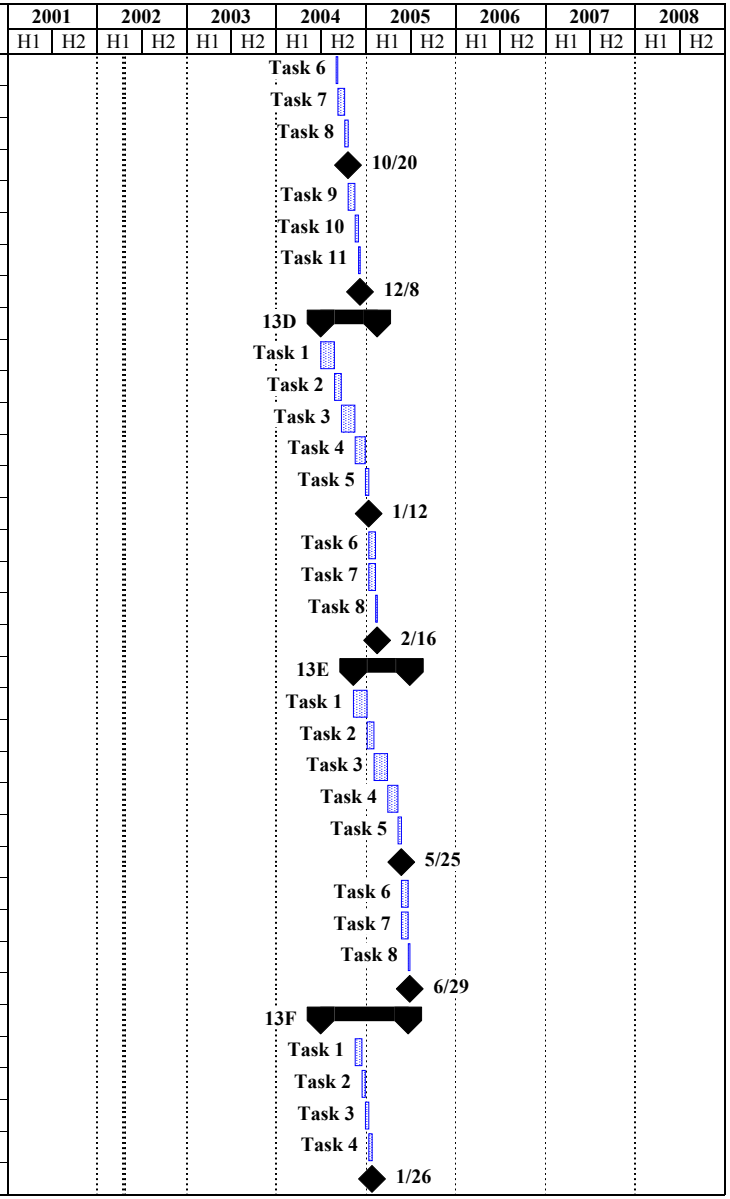
WBS	Task Name
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*Driver abstract and Photo Publication Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*Driver Abstract and Photo Publication Complete*
13D	**BASIC SUBSCRIPTION CAPABILITY**
Task 1	Define Requirements
Task 2	Develop Conceptual Design
Task 3	Develop Detailed Design
Task 4	Develop Database and Programs
Task 5	Implement Beta System
DEL	*CJIS Subscription System (Beta)*
Task 6	Test and Evaluate System
Task 7	Update and Repair Beta System
Task 8	Implement First Production Release
DEL	*CJIS Subscription System*
13E	**COMPLEX SEARCH MECHANISM**
Task 1	Define Requirements
Task 2	Develop Conceptual Design
Task 3	Develop Detailed Design
Task 4	Develop Database and Programs
Task 5	Implement Beta System
DEL	*Complex Search System (Beta)*
Task 6	Test and Evaluate System
Task 7	Update and Repair Beta System
Task 8	Implement Production Release
DEL	*Complex Search System*
13F	**CASE STATUS CHANGE NOTIFICATION**
Task 1	Develop Notification Strategy and Plan
Task 2	Review Data Needs
Task 3	Develop User Information Views
Task 4	Define Requirements
DEL	*Case Status Notification Requirements Document*



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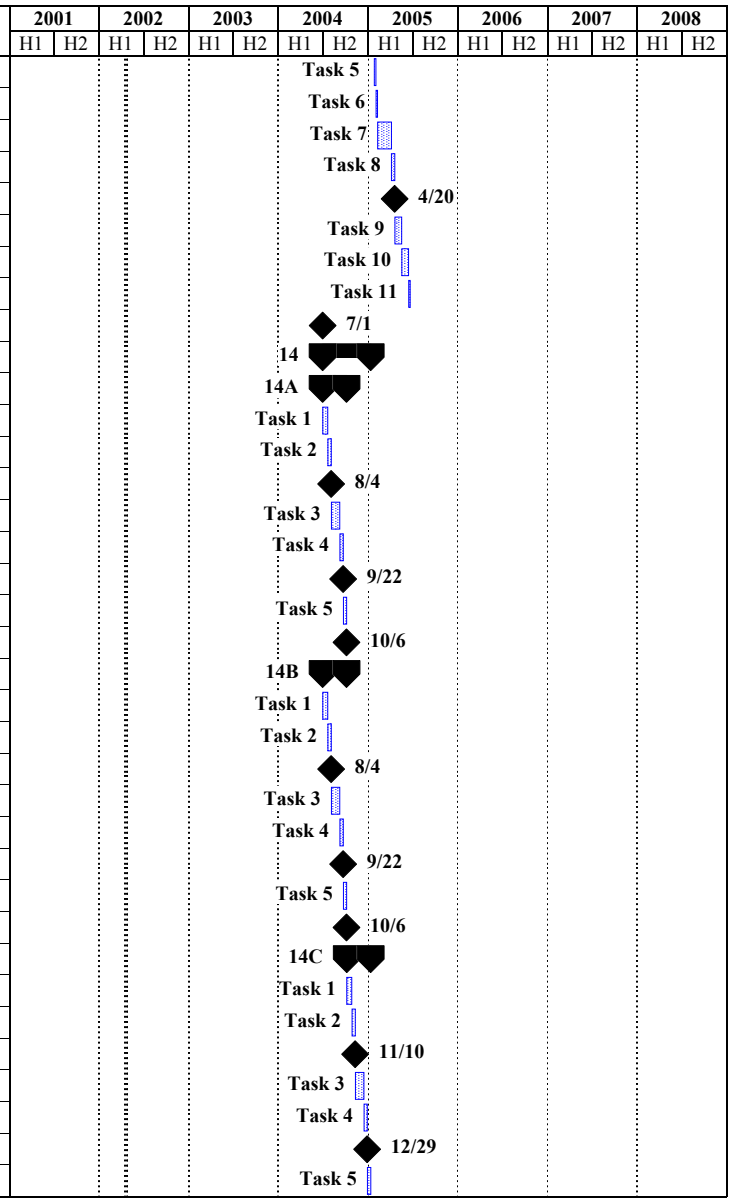
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 5	Design Look and Feel
Task 6	Review and Approve Design
Task 7	Construct Generic Web Site
Task 8	Test and Evaluate Web Site
DEL	*Case Status Notification Pilot Complete*
Task 9	Test and Evaluate Interface (Users)
Task 10	Update and Repair Test System
Task 11	Implement Web Site
DEL	*Case Status Notification Complete*
14	**INTEGRATION LAYER**
14A	**LOCAL PROSECUTION TO UCIS**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Local Prosecution to UCIS Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Local Prosecution to UCIS Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Local Prosecution to UCIS Interface Complete*
14B	**JAIL/CORRECTIONS TO CCH INTERFACE**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Jail and Correction to CCH Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Jail and Correction to CCH Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Jail and Correction to CCH Interface Complete*
14C	**UNIQUE JAIL INTERFACE(S)**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Unique Jail Interface Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Unique Jail Interface Pilot Complete*
Task 5	Implement Interface



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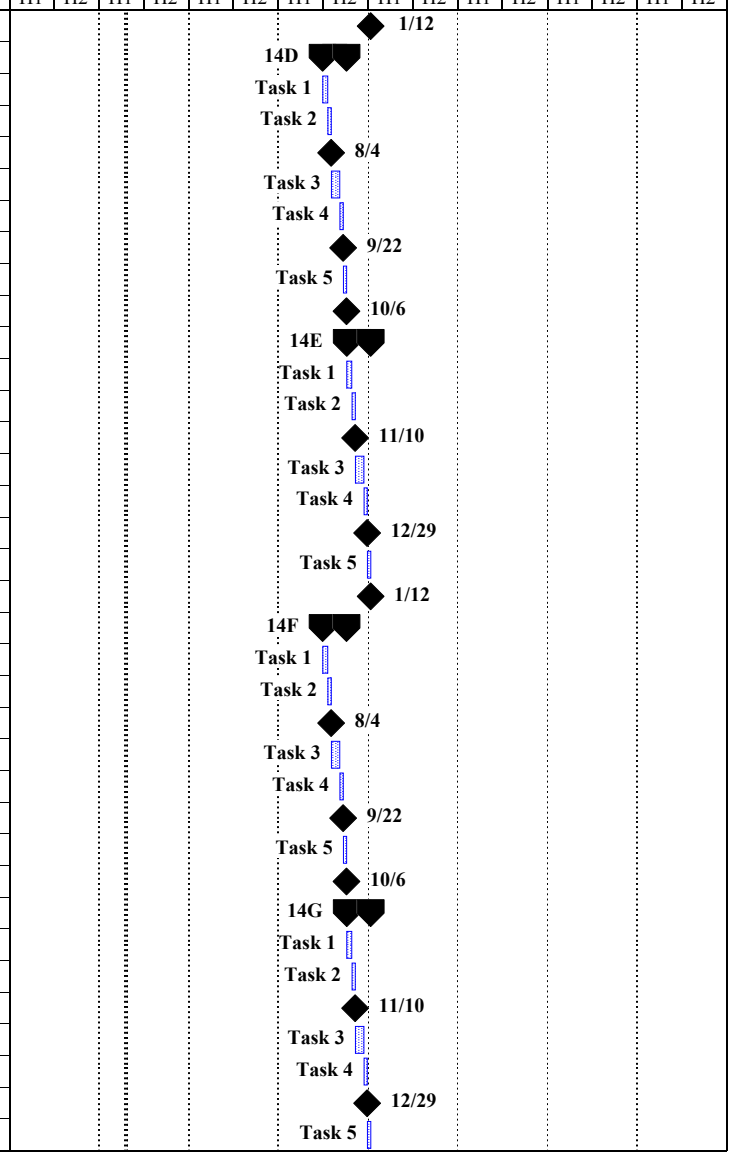
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*Unique Jail Interface Complete*
14D	**ELECTRONIC WARRANTS (ARREST)**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Electronic Warrants Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Electronic Warrants Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Electronic Warrants Interface Complete*
14E	**UNIQUE LAW ENFORCEMENT INTERFACE(S)**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Unique Law Enforcement to UCR Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Unique Law Enforcement to UCR Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Unique Law Enforcement to UCR Interface Complete*
14F	**CITATION MOVEMENT**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Citation Interface Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Citation Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Citation Interface Complete*
14G	**SEARCH WARRANTS**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Search Warrant Interface Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Search Warrant Interface Pilot Complete*
Task 5	Implement Interface



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline

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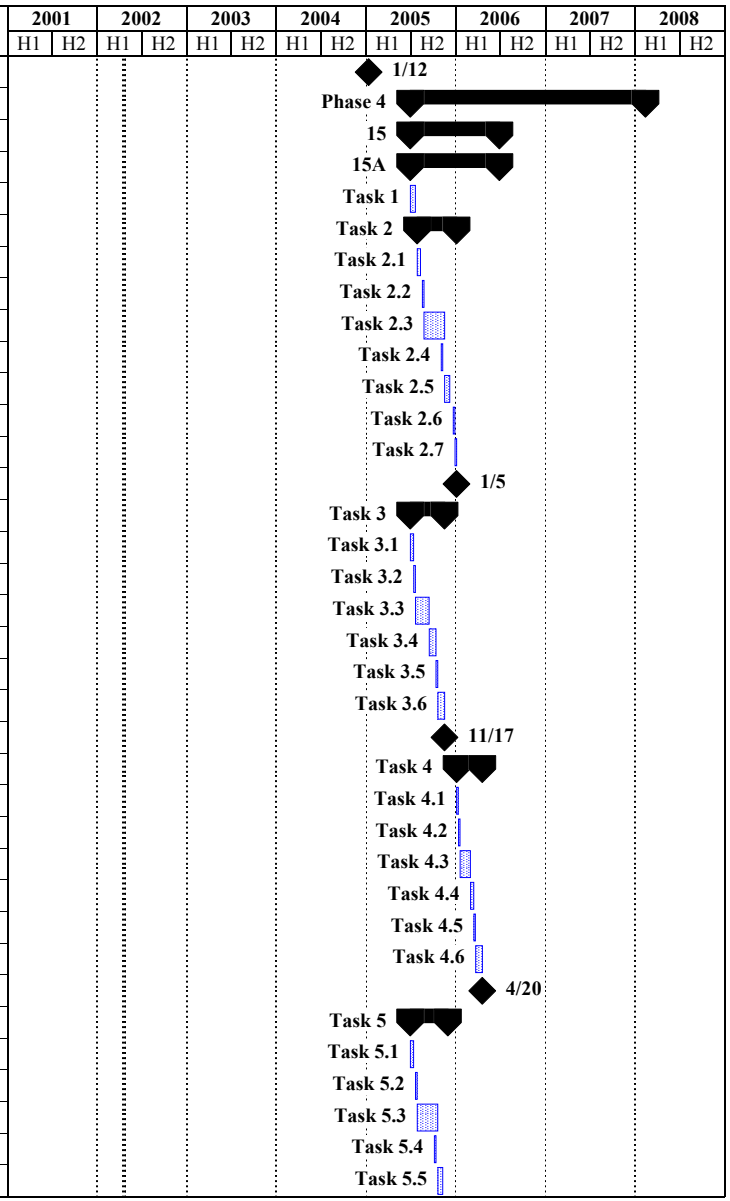
Milestone | Rolled Up Milestone | External Tasks | External Milestone | External Milestone

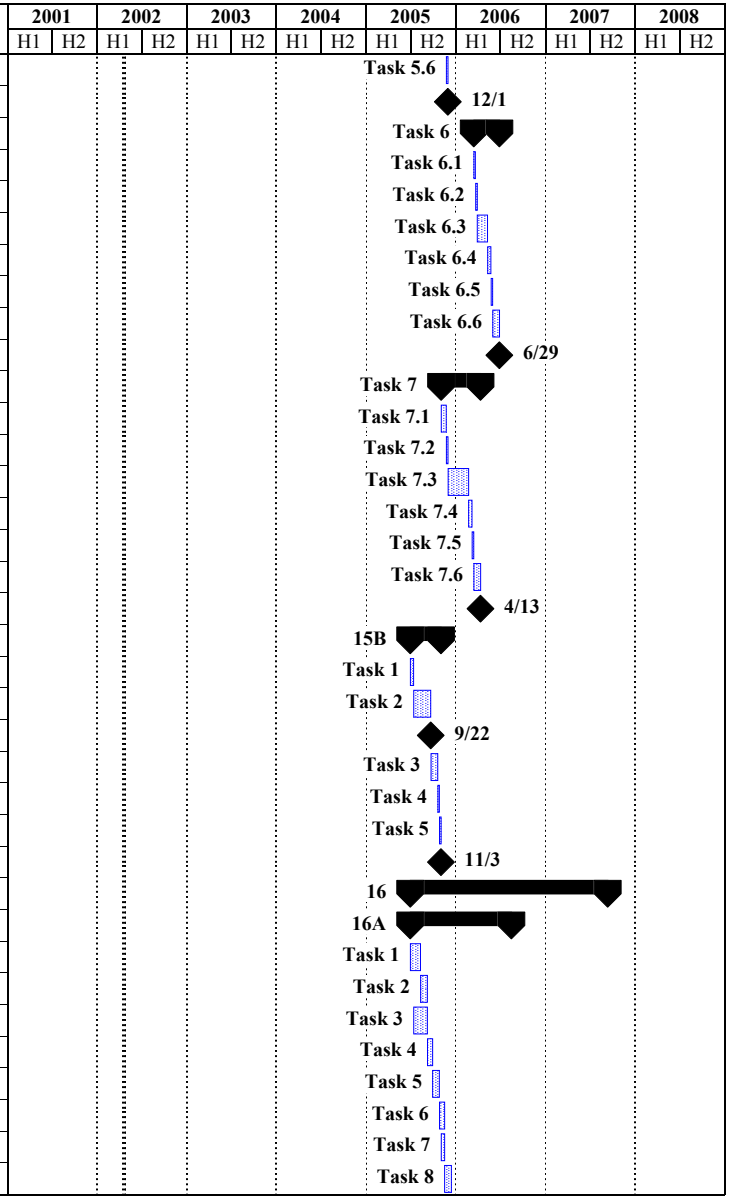
WBS	Task Name
DEL	*Search Warrant Interface Complete*
Phase 4	**CJIS ENHANCEMENT**
15	**INFRASTRUCTURE LAYER**
15A	**DATA CENTER ENHANCEMENT**
Task 1	Conduct Site and Needs Planning
Task 2	**Implement Network Backup Server**
Task 2.1	Analyze System Backup Requirements
Task 2.2	Design Site and Infrastructure Layouts
Task 2.3	Acquire Backup System Hardware
Task 2.4	Establish Network Connectivity
Task 2.5	Install and Test System
Task 2.6	Verify Backup Site Implementation
Task 2.7	Conduct Backup Test
DEL	*Backup Implementation Complete*
Task 3	**Implement Production Data Cluster**
Task 3.1	Validate Redundancy Need and Funding
Task 3.2	Determine Existing Hardware Retention or Migration
Task 3.3	Acquire Additional Server
Task 3.4	Implement Cluster
Task 3.5	Validate Operational Status
Task 3.6	Monitor Cluster
DEL	*Production Data Store Cluster Implementation Completed*
Task 4	**Implement Server Cluster for Master Index**
Task 4.1	Validate Redundancy Need and Funding
Task 4.2	Determine Existing Hardware Retention or Migration
Task 4.3	Acquire Additional Server
Task 4.4	Implement Cluster
Task 4.5	Validate Operational Status
Task 4.6	Monitor Cluster
DEL	*Master Index Cluster Implementation Completed*
Task 5	**Implement Management and Monitoring System**
Task 5.1	Analyze Management and Monitoring Requirements
Task 5.2	Design Management Infrastructure
Task 5.3	Acquire Management and Monitoring Systems
Task 5.4	Establish Network Connectivity
Task 5.5	Install and Test System



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
Progress | Rolled Up Task | Split | External Milestone | External Milestone
Milestone | Rolled Up Milestone | External Tasks | External Milestone | External Milestone

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

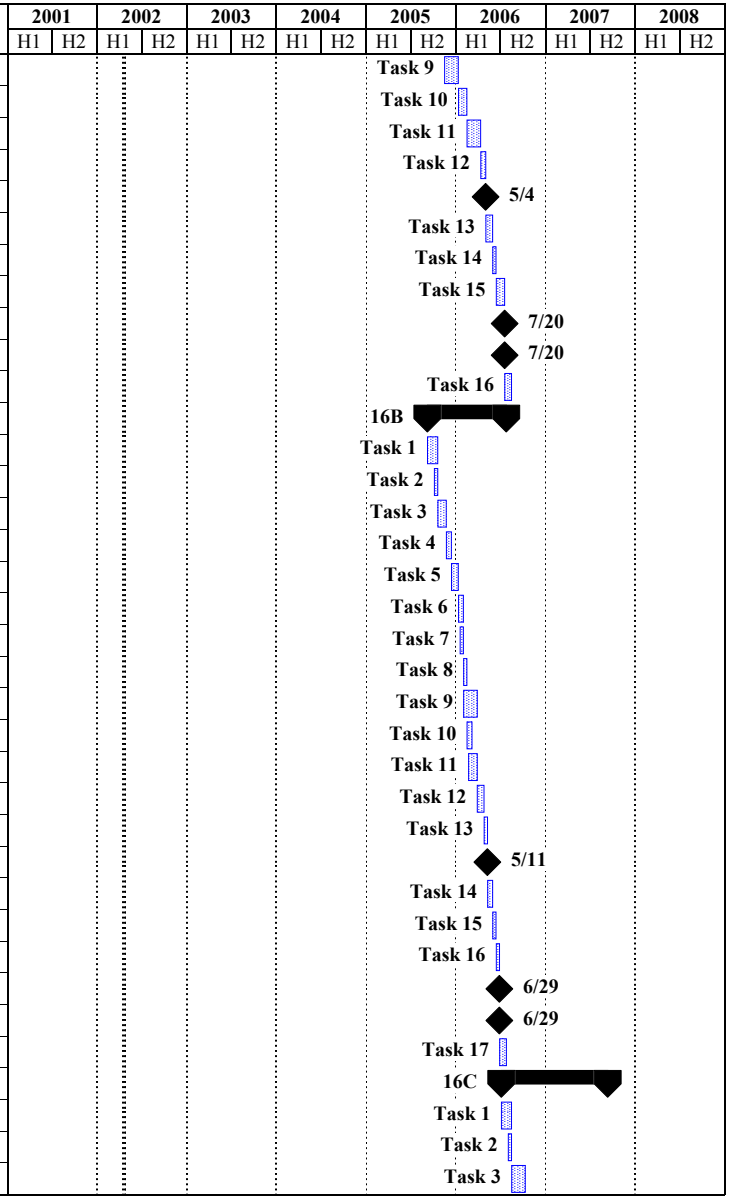
WBS	Task Name
Task 5.6	Verify Management and Monitoring Implementation
DEL	*Monitoring and Management Implementation Complete*
Task 6	**Implement CJIS Web Server Farm**
Task 6.1	Validate Redundancy Need and Funding
Task 6.2	Determine Existing Hardware Retention or Migration
Task 6.3	Acquire Additional Server
Task 6.4	Implement Farm
Task 6.5	Validate Operational Status
Task 6.6	Monitor Farm
DEL	*Web Server Farm Implementation Completed*
Task 7	**Implement Redundant Message Exchange**
Task 7.1	Validate Redundancy Need and Funding
Task 7.2	Determine Existing Hardware Retention or Migration
Task 7.3	Acquire Additional Server
Task 7.4	Implement Cluster
Task 7.5	Validate Operational Status
Task 7.6	Monitor Cluster
DEL	*Internal Message Exchange Cluster Implementation Completed*
15B	**VPN INFRASTRUCTURE**
Task 1	Reconcile VPN Requirements
Task 2	Develop VPN Production System
DEL	*VPN Installation Complete*
Task 3	Conduct Expanded VPN User Testing
Task 4	Correct User Testing Reports
Task 5	Certify VPN System
DEL	*VPN Production System Certified*
16	**APPLICATION LAYER**
16A	**NDLETS TO CJIS MIGRATION**
Task 1	Define System Requirements
Task 2	Develop RFP
Task 3	Post RFP and Solicit Proposals
Task 4	Review and Evaluate Proposals
Task 5	Negotiate Contract
Task 6	Validate Conceptual Design
Task 7	Validate Interface Design
Task 8	Develop Conversion and Implementation Plan



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
Progress | Rolled Up Task | Split | External Milestone | External Milestone
Milestone | Rolled Up Milestone | External Tasks | External Milestone | External Milestone

STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

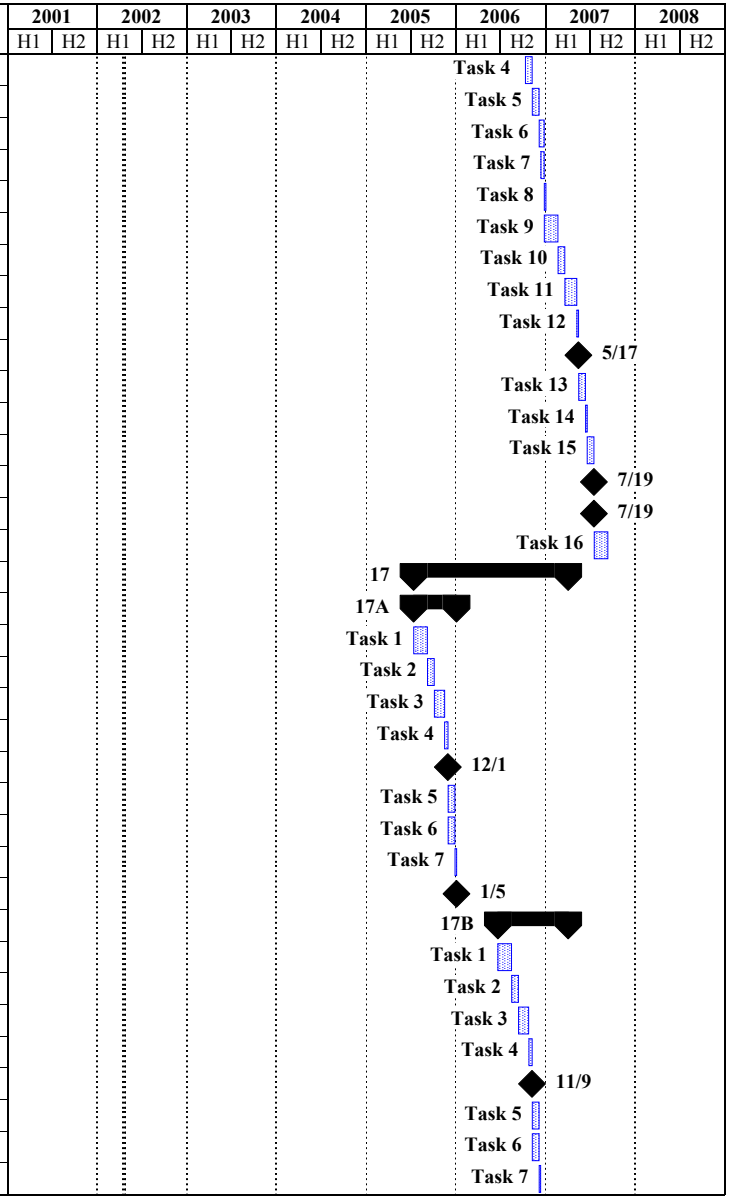
WBS	Task Name
Task 9	Deploy System Components
Task 10	Integrate System With CJIS Integration Backbone
Task 11	Pilot System (Beta Version)
Task 12	Verify System Functionality and Components
DEL	*WebLETS Pilot Verified*
Task 13	Update/Refine System Components From Pilot
Task 14	Verify Production Quality System
Task 15	Implement Systems
DEL	*WebLETS Software Installed*
DEL	*WebLETS Interface Completed*
Task 16	Monitor System Production
16B	**CITATION FEE AND RESTITUTION MANAGEMENT**
Task 1	Define System Requirements
Task 2	Develop RFP
Task 3	Post RFP and Solicit Proposals
Task 4	Review and Evaluate Proposals
Task 5	Negotiate Contract
Task 6	Validate Conceptual Design
Task 7	Validate Interface Design
Task 8	Develop Conversion and Implementation Plan
Task 9	Deploy System Components
Task 10	Validate Fee and Payment Components
Task 11	Integrate System With Index Server
Task 12	Pilot System (Beta Version)
Task 13	Verify System Functionality and Components
DEL	*Citation and Fee System Pilot Verified*
Task 14	Update/Refine System Components From Pilot
Task 15	Verify Production Quality System
Task 16	Implement Systems
DEL	*Citation and Fee System Software Installed*
DEL	*Citation and Fee System Interface Completed*
Task 17	Monitor System Production
16C	**INTELLIGENCE REPOSITORY SYSTEM**
Task 1	Define System Requirements
Task 2	Develop RFP
Task 3	Post RFP and Solicit Proposals



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
Progress | Rolled Up Task | Split | External Milestone | External Milestone
Milestone | Rolled Up Milestone | External Tasks | External Milestone | External Milestone

DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 4	Review and Evaluate Proposals
Task 5	Negotiate Contract
Task 6	Validate Conceptual Design
Task 7	Validate Interface Design
Task 8	Develop Conversion and Implementation Plan
Task 9	Deploy System Components
Task 10	Integrate System With Index Server
Task 11	Pilot System (Beta Version)
Task 12	Verify System Functionality and Components
DEL	*Intelligence System Pilot Verified*
Task 13	Update/Refine System Components From Pilot
Task 14	Verify Production Quality System
Task 15	Implement Systems
DEL	*Intelligence System Installed*
DEL	*Intelligence System Interface Completed*
Task 16	Monitor System Production
17	**PUBLICATION LAYER**
17A	**SUBSCRIPTION AND NOTIFICATION CAPABILITY ENHANCEMENT**
Task 1	Define Requirements
Task 2	Develop Enhancement Designs
Task 3	Develop Database and Programs
Task 4	Implement Enhanced System
DEL	*Enhanced CJIS Subscription System Tested*
Task 5	Test and Evaluate System
Task 6	Update and Repair System
Task 7	Implement Production Release
DEL	*Enhanced CJIS Subscription System Implemented*
17B	**ENHANCED SUBSCRIPTION CAPABILITY**
Task 1	Define Requirements
Task 2	Develop Enhancement Designs
Task 3	Develop Database and Programs
Task 4	Implement Enhanced System
DEL	*Enhanced CJIS Subscription System Tested*
Task 5	Test and Evaluate System
Task 6	Update and Repair System
Task 7	Implement Production Release



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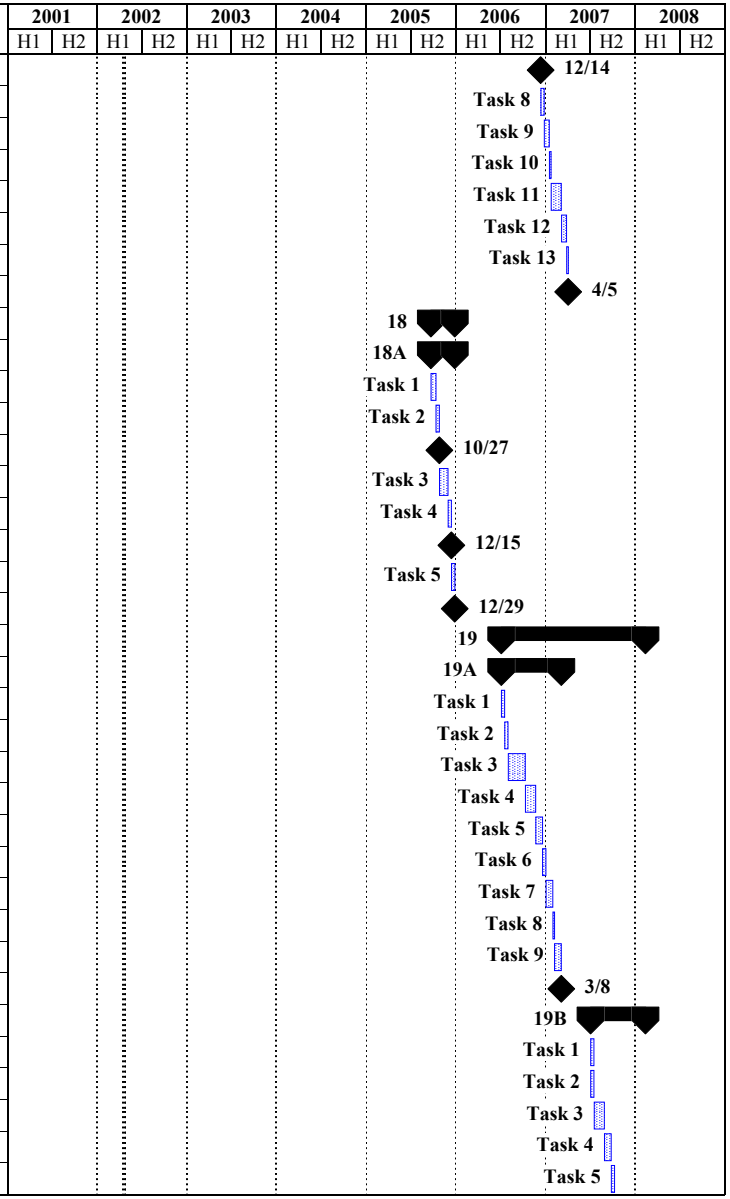
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
DEL	*Enhanced CJIS Subscription System Implemented*
Task 8	Define Web Site Requirements
Task 9	Design Site Look and Feel
Task 10	Review and Approve Design
Task 11	Construct Generic Web Site
Task 12	Test and Evaluate Web Site
Task 13	Implement Web Site
DEL	*Web-Based Subscription Software Installation*
18	**INTEGRATION LAYER**
18A	**UNIQUE LAW ENFORCEMENT INTERFACE(S)**
Task 1	Review Data Needs
Task 2	Determine Interface Specification
DEL	*Unique Law Enforcement to UCR Interface Specification*
Task 3	Develop Interface Programs
Task 4	Pilot Interface
DEL	*Unique Law Enforcement to UCR Interface Pilot Complete*
Task 5	Implement Interface
DEL	*Unique Law Enforcement to UCR Interface Complete*
19	**DECISION SUPPORT LAYER**
19A	**DECISION SUPPORT TOOL PILOT**
Task 1	Define Decision Support Requirements
Task 2	Design Decision Support System (DSS)
Task 3	Acquire DSS Software
Task 4	Develop Data Extract Mechanisms
Task 5	Develop Information Output Views
Task 6	Develop Data Authorization Levels
Task 7	Develop Automated Decision Information Outputs
Task 8	Implement Pilot DSS
Task 9	Test and Evaluate DSS Usage
DEL	*DSS Pilot Complete*
19B	**DECISION COMPONENTS**
Task 1	Determine Implementation Requirements
Task 2	Define Additional Decision Support Requirements
Task 3	Develop or Add DSS Component Software
Task 4	Develop Data Extract Mechanisms
Task 5	Develop Information Output Views



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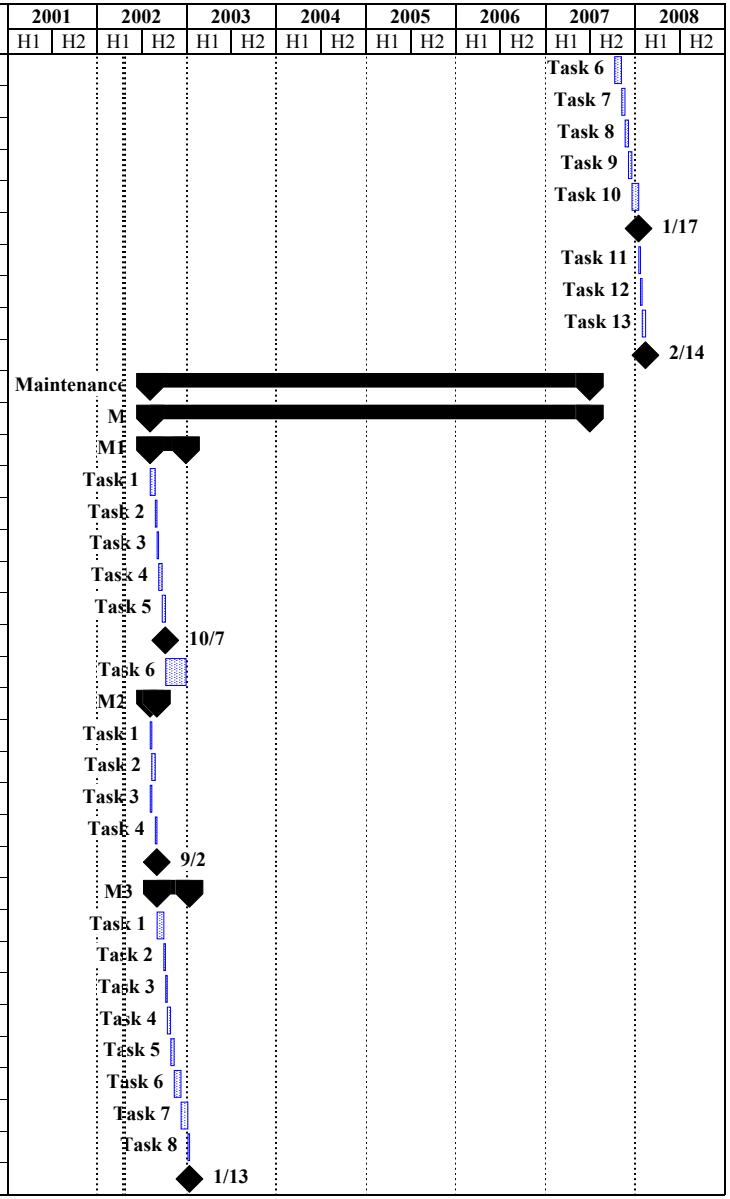
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 6	Plan Acquisition for Server Hardware and Software
Task 7	Develop Data Authorization Levels
Task 8	Develop Automated Decision Information Outputs
Task 9	Implement DSS Component Pilot
Task 10	Test and Evaluate DSS Usage
DEL	*Decision Support Components Pilot Complete*
Task 11	Validate Current Operational Usage
Task 12	Implement Additional Hardware
Task 13	Validate that DSS Components Are Operational
DEL	*DSS Component Implementation Complete*
Maintenance	**TRAINING AND MAINTENANCE PROJECTS**
M	**TRAINING AND MAINTENANCE PROJECTS**
M1	**OVERALL SUPPORT STRATEGY AND PLAN**
Task 1	Determine Support Requirements
Task 2	Determine Staff Available
Task 3	Compare Requirements to Available Staff
Task 4	Determine Support Plan
Task 5	Determine Short-Term Coverage Strategy
DEL	*Support Plan Complete*
Task 6	Hire Any Needed Staff Skills (Help Desk, etc.)
M2	**CENTRALIZED HELP DESK/INFORMATION CENTER**
Task 1	Organize Available Staff for Support
Task 2	Determine 1st- and 2nd-Level Support Groups
Task 3	Organize Training Group
Task 4	Integrate Support and Training Operations Within a Help Desk Structure
DEL	*Reorganized Help Desk Operational*
M3	**CENTRALIZED WEB SUPPORT**
Task 1	Determine Web Support Content
Task 2	Define Support Objectives
Task 3	Define Site Requirements
Task 4	Design Site Look and Feel
Task 5	Review and Approve Design
Task 6	Construct Generic Web Site
Task 7	Test and Evaluate Web Site
Task 8	Implement Web Site
DEL	*Web Support Site Complete*



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
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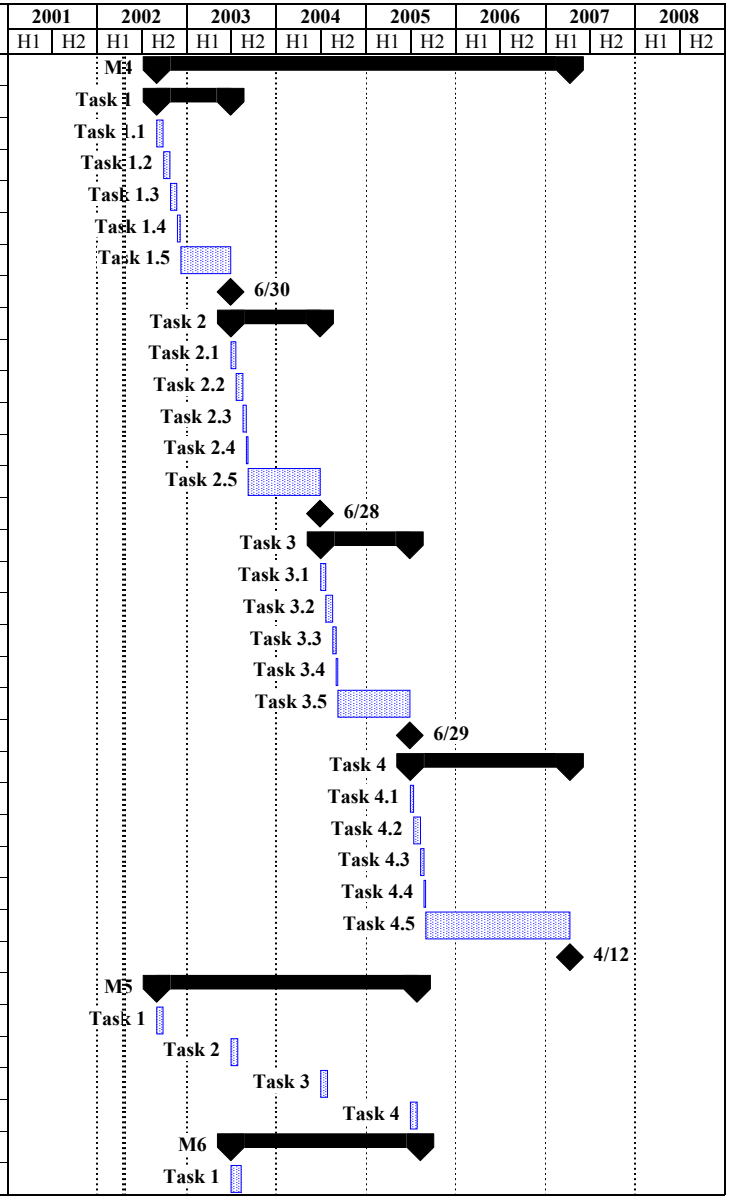
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
M4	**TRAINING PROGRAM**
Task 1	**Develop Phase 1 Training Program**
Task 1.1	Determine CJIS Training Requirements
Task 1.2	Determine Maintenance Training Requirements
Task 1.3	Develop Training Plan
Task 1.4	Assign Training Resources
Task 1.5	Conduct Training
DEL	*Phase 1 Training Program Complete*
Task 2	**Develop Phase 2 Training Program**
Task 2.1	Determine CJIS Training Requirements
Task 2.2	Determine Maintenance Training Requirements
Task 2.3	Develop Training Plan
Task 2.4	Assign Training Resources
Task 2.5	Conduct Training
DEL	*Phase 2 Training Program Complete*
Task 3	**Develop Phase 3 Training Program**
Task 3.1	Determine CJIS Training Requirements
Task 3.2	Determine Maintenance Training Requirements
Task 3.3	Develop Training Plan
Task 3.4	Assign Training Resources
Task 3.5	Conduct Training
DEL	*Phase 3 Training Program Complete*
Task 4	**Develop Phase 4 Training Program**
Task 4.1	Determine CJIS Training Requirements
Task 4.2	Determine Maintenance Training Requirements
Task 4.3	Develop Training Plan
Task 4.4	Assign Training Resources
Task 4.5	Conduct Training
DEL	*Phase 4 Training Program Complete*
M5	**DATA STANDARD UPDATE PROJECTS**
Task 1	Phase 1 Data Standards Update
Task 2	Phase 2 Data Standards Update
Task 3	Phase 3 Data Standards Update
Task 4	Phase 4 Data Standards Update
M6	**SECURITY POLICY UPDATE PROJECTS**
Task 1	Phase 2 Security Policy Update



Task | Summary | Rolled Up Progress | Project Summary | External Milestone | Deadline
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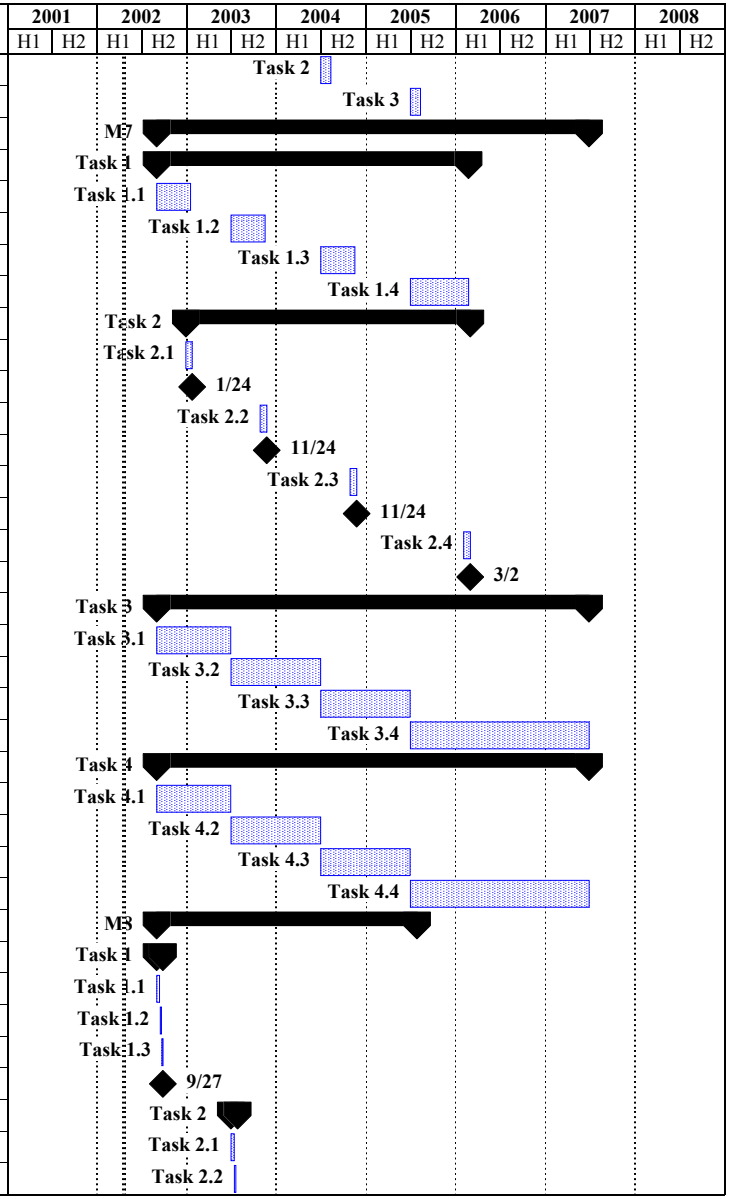
WBS	Task Name
Task 2	Phase 3 Security Policy Update
Task 3	Phase 4 Security Policy Update
M7	**TECHNICAL ARCHITECTURE UPDATES**
Task 1	**Develop System Designs**
Task 1.1	Develop Phase 1 Systems Designs
Task 1.2	Develop Phase 2 Systems Designs
Task 1.3	Develop Phase 3 Systems Designs
Task 1.4	Develop Phase 4 Systems Designs
Task 2	**Review System Designs**
Task 2.1	Review Phase 1 Systems Designs
DEL	*Phase 1 Designs Approved*
Task 2.2	Review Phase 2 Systems Designs
DEL	*Phase 2 Designs Approved*
Task 2.3	Review Phase 3 Systems Designs
DEL	*Phase 3 Designs Approved*
Task 2.4	Review Phase 4 Systems Designs
DEL	*Phase 4 Designs Approved*
Task 3	**Conduct Configuration Control Board (CCB) Activities**
Task 3.1	Phase 1 CCB Activities
Task 3.2	Phase 2 CCB Activities
Task 3.3	Phase 3 CCB Activities
Task 3.4	Phase 4 CCB Activities
Task 4	**Maintain Technical Architecture Document**
Task 4.1	Update Technical Architecture During Phase 1
Task 4.2	Update Technical Architecture During Phase 2
Task 4.3	Update Technical Architecture During Phase 3
Task 4.4	Update Technical Architecture During Phase 4
M8	**MANAGE PROJECT BUDGET**
Task 1	**Develop a Tactical Project Budget for Phase 1**
Task 1.1	Determine Work Effort
Task 1.2	Balance Work Effort and Systems Costs
Task 1.3	Revise and Update Budget
DEL	*Phase 1 Tactical Project Budget*
Task 2	**Develop a Tactical Project Budget for Phase 2**
Task 2.1	Determine Work Effort
Task 2.2	Balance Work Effort and Systems Costs



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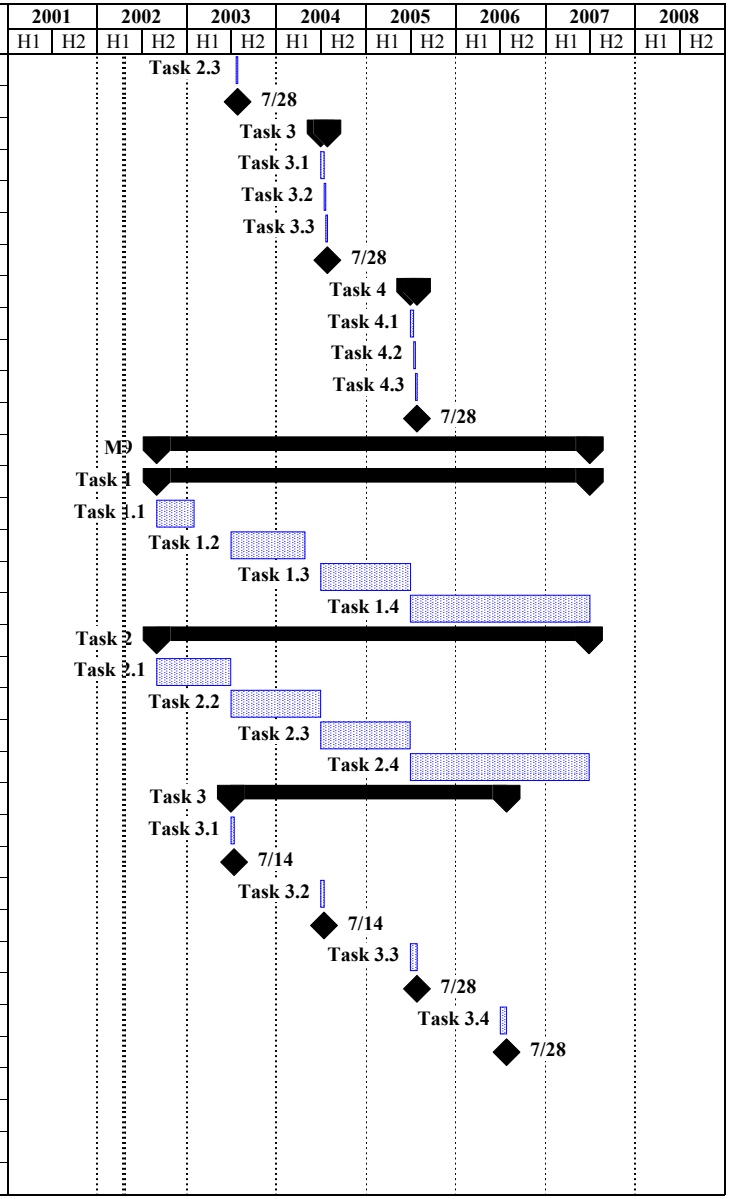
STATE OF NORTH DAKOTA
CJIS INTEGRATION PLAN
DETAILED PROJECT SCHEDULE

WBS	Task Name
Task 2.3	Revise and Update Budget
DEL	*Phase 2 Tactical Project Budget*
Task 3	**Develop a Tactical Project Budget for Phase 3**
Task 3.1	Determine Work Effort
Task 3.2	Balance Work Effort and Systems Costs
Task 3.3	Revise and Update Budget
DEL	*Phase 3 Tactical Project Budget*
Task 4	**Develop a Tactical Project Budget for Phase 4**
Task 4.1	Determine Work Effort
Task 4.2	Balance Work Effort and Systems Costs
Task 4.3	Revise and Update Budget
DEL	*Phase 4 Tactical Project Budget*
M9	**PLAN IMPLEMENTATION ASSISTANCE**
Task 1	**Assist in Managing Project Activities**
Task 1.1	Assist With Phase 1 Activities
Task 1.2	Assist With Phase 2 Activities
Task 1.3	Assist With Phase 3 Activities
Task 1.4	Assist With Phase 4 Activities
Task 2	**Monitor and Report Progress**
Task 2.1	Monitor Phase 1 Activities
Task 2.2	Monitor Phase 2 Activities
Task 2.3	Monitor Phase 3 Activities
Task 2.4	Monitor Phase 4 Activities
Task 3	**Assist in Updating Plans**
Task 3.1	Update Project Plan for Phase 2
DEL	*Phase 2 Plans Updated*
Task 3.2	Update Project Plan for Phase 3
DEL	*Phase 3 Plans Updated*
Task 3.3	Update Project Plan for Phase 4
DEL	*Phase 4 Plans Updated*
Task 3.4	Update Project Plan for Future Phase
DEL	*Future Phase Plans Updated*



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APPENDIX E

DETAILED TACTICAL PROJECT COSTS

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
TACTICAL PROJECTS COST DETAIL

PROJECT ID	ITEM DESCRIPTION		FY0203	FY0304	FY0405	FY0506	FY0607	FY0708
1A	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
1B	Publication and Communication Costs	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$2,000	$2,000	$1,000	$1,000	$1,000	$1,000
1B	Contract Staff to Measure Bench Marks	CAPITAL / ONETIME COSTS	$0	$3,000	$3,000	$3,000	$3,000	$3,000
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
1B	Expert Services to Establish Bench Marks	CAPITAL / ONETIME COSTS	$15,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
1C	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
1D	Technical Architect	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$40,000	$80,000	$20,000	$20,000	$20,000	$20,000
1D	Project Director	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$60,000	$85,000	$85,000	$85,000	$85,000	$85,000
2A	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
2B	Web Development Support (500 hours/year average)	CAPITAL / ONETIME COSTS	$38,000	$50,000	$50,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
2B	Web Development Support (250 hours/year average)	CAPITAL / ONETIME COSTS	$0	$0	$0	$25,000	$25,000	$25,000
		OPERATING COSTS	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
TACTICAL PROJECTS COST DETAIL

PROJECT ID	ITEM DESCRIPTION		FY0203	FY0304	FY0405	FY0506	FY0607	FY0708
2B	Acquisition and Advertising Costs	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$3,000	$0	$0	$0	$0	$0
2C	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3A	Security Expert Consultants	CAPITAL / ONETIME COSTS	$45,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3B	Single High Density Server (Production Database)	CAPITAL / ONETIME COSTS	$30,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$5,000	$5,000	$5,000	$5,000	$5,000
3B	Gigabit Ethernet Switch	CAPITAL / ONETIME COSTS	$36,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$6,000	$6,000	$6,000	$6,000	$6,000
3B	Database Software (Production Database)	CAPITAL / ONETIME COSTS	$45,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$8,000	$8,000	$8,000	$8,000	$8,000
3B	Development Database License	CAPITAL / ONETIME COSTS	$10,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$2,000	$2,000	$2,000	$2,000	$2,000
3B	Database Storage	CAPITAL / ONETIME COSTS	$40,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$7,000	$7,000	$7,000	$7,000	$7,000
3B	Database Storage (Development Database)	CAPITAL / ONETIME COSTS	$15,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$3,000	$3,000	$3,000	$3,000	$3,000
3B	Development Database Server (No Service Support Costs)	CAPITAL / ONETIME COSTS	$35,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$6,000	$6,000	$6,000	$6,000	$6,000

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
TACTICAL PROJECTS COST DETAIL

PROJECT ID	ITEM DESCRIPTION		FY0203	FY0304	FY0405	FY0506	FY0607	FY0708
3B	Development Web Server (No Service Support Costs)	CAPITAL / ONETIME COSTS	$20,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3B	Enhanced Memory Systems (Database Server)	CAPITAL / ONETIME COSTS	$15,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$3,000	$3,000	$3,000	$3,000	$3,000
3B	Enhanced Memory Systems (Index Server)	CAPITAL / ONETIME COSTS	$8,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$1,000	$1,000	$1,000	$1,000	$1,000
3B	10/100 Ethernet Switch	CAPITAL / ONETIME COSTS	$21,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$4,000	$4,000	$4,000	$4,000	$4,000
3B	Single High Density Server (Production Application Server)	CAPITAL / ONETIME COSTS	$30,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$5,000	$5,000	$5,000	$5,000	$5,000
3B	Database Software	CAPITAL / ONETIME COSTS	$25,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3B	Single High Density Server (Production Index Server)	CAPITAL / ONETIME COSTS	$30,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$5,000	$5,000	$5,000	$5,000	$5,000
3B	Single Web Server (Production Web Server)	CAPITAL / ONETIME COSTS	$15,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$3,000	$3,000	$3,000	$3,000	$3,000
3B	Single Web Server (Production Web Server)	CAPITAL / ONETIME COSTS	$15,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$3,000	$3,000	$3,000	$3,000	$3,000
3B	Server Storage (Production Index Server)	CAPITAL / ONETIME COSTS	$15,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$3,000	$3,000	$3,000	$3,000	$3,000

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PROJECT ID	ITEM DESCRIPTION		FY0203	FY0304	FY0405	FY0506	FY0607	FY0708
3B	Miscellaneous Costs	CAPITAL / ONETIME COSTS	$25,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3C	Certificate Server Operating System	CAPITAL / ONETIME COSTS	$2,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3C	Certificate Software	CAPITAL / ONETIME COSTS	$12,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$2,000	$2,000	$2,000	$2,000	$2,000
3C	Digital Certificate Fee per System	CAPITAL / ONETIME COSTS	$9,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$2,000	$2,000	$2,000	$2,000	$2,000
3C	Certificate Server	CAPITAL / ONETIME COSTS	$6,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$1,000	$1,000	$1,000	$1,000	$1,000
3D	Auditing Software Components	CAPITAL / ONETIME COSTS	$20,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$4,000	$4,000	$4,000	$4,000	$4,000
3D	Development Services (420 hours of programming support)	CAPITAL / ONETIME COSTS	$42,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3E	Database Software (2 Regional Serverss)	CAPITAL / ONETIME COSTS	$35,000	$0	$35,000	$0	$0	$0
		OPERATING COSTS	$0	$6,000	$6,000	$12,000	$12,000	$12,000
3E	Server Operating Systems (2 Regional Serverss)	CAPITAL / ONETIME COSTS	$20,000	$0	$20,000	$0	$0	$0
		OPERATING COSTS	$0	$4,000	$4,000	$8,000	$8,000	$8,000
3E	Database Storage (2 Regional Serverss)	CAPITAL / ONETIME COSTS	$25,000	$0	$25,000	$0	$0	$0
		OPERATING COSTS	$0	$4,000	$4,000	$8,000	$8,000	$8,000

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3E	Server Storage (2 Regional Serverss)	CAPITAL / ONETIME COSTS	$8,000	$0	$8,000	$0	$0	$0
		OPERATING COSTS	$0	$1,000	$1,000	$2,000	$2,000	$2,000
3E	Single High Density Server (2 Regional Database Servers)	CAPITAL / ONETIME COSTS	$30,000	$0	$30,000	$0	$0	$0
		OPERATING COSTS	$0	$5,000	$5,000	$10,000	$10,000	$10,000
3E	Development Services (688 hours of programming support)	CAPITAL / ONETIME COSTS	$39,000	$0	$30,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
3E	Single High Density Server (2 Regional Serverss)	CAPITAL / ONETIME COSTS	$30,000	$0	$30,000	$0	$0	$0
		OPERATING COSTS	$0	$5,000	$5,000	$10,000	$10,000	$10,000
4A	Development Services (912 hours of programming support)	CAPITAL / ONETIME COSTS	$36,000	$30,000	$26,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
4A	Common LERMS Application	CAPITAL / ONETIME COSTS	$150,000	$175,000	$250,000	$0	$0	$0
		OPERATING COSTS	$0	$26,000	$57,000	$101,000	$101,000	$101,000
4B	Development Services (614 hours of programming support)	CAPITAL / ONETIME COSTS	$61,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
4B	UCR and IBR Repository Software	CAPITAL / ONETIME COSTS	$125,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
4C	Development Services (622 hours of programming support)	CAPITAL / ONETIME COSTS	$62,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
4C	User Information System Application Software	CAPITAL / ONETIME COSTS	$100,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$18,000	$18,000	$18,000	$18,000	$18,000

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4D	AFIS System Replacement Cost	CAPITAL / ONETIME COSTS	$250,000	$250,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$44,000	$88,000	$88,000	$88,000	$88,000
5A	Development Services (830 hours of programming support)	CAPITAL / ONETIME COSTS	$83,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
5B	Development Services (1230 hours of programming support)	CAPITAL / ONETIME COSTS	$123,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
5C	Development Services (402 hours of programming support)	CAPITAL / ONETIME COSTS	$40,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
5D	Development Services (390 hours of programming support)	CAPITAL / ONETIME COSTS	$39,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
6A	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$31,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
6B	Development Services (308 hours of programming support)	CAPITAL / ONETIME COSTS	$31,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
7A	Development Services (464 hours of programming support)	CAPITAL / ONETIME COSTS	$46,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
7B	Development Services (840 hours of programming support)	CAPITAL / ONETIME COSTS	$84,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
8A	Digital Certificate Fee per User	CAPITAL / ONETIME COSTS	$0	$45,000	$18,000	$18,000	$18,000	$9,000
		OPERATING COSTS	$0	$0	$8,000	$11,000	$14,000	$17,000

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8A	Development Services (328 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$33,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
8A	IDS Probe	CAPITAL / ONETIME COSTS	$0	$12,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$2,000	$2,000	$2,000	$2,000
8B	Development Services (372 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$37,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
8B	VPN Software	CAPITAL / ONETIME COSTS	$0	$25,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$4,000	$4,000	$4,000	$4,000
9A	Common Jail Application Software	CAPITAL / ONETIME COSTS	$0	$200,000	$150,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$35,000	$61,000	$61,000	$61,000
9A	Development Services (662 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$66,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
9B	Development Services (686 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$69,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
9B	Common State's Attorney Application Software	CAPITAL / ONETIME COSTS	$0	$250,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$44,000	$44,000	$44,000	$44,000
10A	Development Services (378 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$38,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
10B	Development Services (554 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$55,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0

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10C	Development Services (394 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$39,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
10D	Development Services (486 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$49,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
10E	Development Services (366 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$37,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
10F	Development Services (366 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$37,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
10G	Development Services (554 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$55,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
10H	Development Services (310 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$31,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
11A	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$31,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
11B	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$31,000	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
12A	Common Field Reporting Application	CAPITAL / ONETIME COSTS	$0	$0	$200,000	$300,000	$200,000	$0
		OPERATING COSTS	$0	$0	$0	$35,000	$88,000	$123,000
12A	Development Services (912 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$21,000	$31,000	$10,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0

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13A	Development Services (366 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$37,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
13B	Development Services (366 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$37,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
13C	Development Services (382 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$38,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
13D	Development Services (692 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$69,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
13E	Development Services (692 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$69,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
13F	Development Services (554 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$55,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
14A	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$31,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
14B	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$31,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
14C	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$31,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
14D	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$31,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0

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14E	Unique Vendor Interfaces (4 Local System Interfaces)	CAPITAL / ONETIME COSTS	$0	$0	$180,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
14E	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$31,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
14F	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$31,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
14G	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$31,000	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
15A	Single Web Server (Test Web Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$15,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$3,000	$3,000
15A	Development Services (750 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$75,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
15A	Database Storage	CAPITAL / ONETIME COSTS	$0	$0	$0	$15,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$3,000	$3,000
15A	Enhanced Memory Systems (Index Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$13,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$2,000	$2,000
15A	Server Storage (Production Index Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$20,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$4,000	$4,000
15A	Server Storage (Test Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$15,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$3,000	$3,000

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15A	Single High Density Server (Production Application Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$30,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$5,000	$5,000
15A	Single High Density Server (Production Index Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$30,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$5,000	$5,000
15A	Single Web Server (Production Web Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$15,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$3,000	$3,000
15A	Single High Density Server (Test Database)	CAPITAL / ONETIME COSTS	$0	$0	$0	$30,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$5,000	$5,000
15A	Single High Density Server (Test Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$30,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$5,000	$5,000
15A	Single Web Server (Production Web Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$15,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$3,000	$3,000
15A	Database Storage	CAPITAL / ONETIME COSTS	$0	$0	$0	$85,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$15,000	$15,000
15A	Backup Media Server	CAPITAL / ONETIME COSTS	$0	$0	$0	$75,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$13,000	$13,000
15A	Single High Density Server (Production Database)	CAPITAL / ONETIME COSTS	$0	$0	$0	$30,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$5,000	$5,000
15A	10/100 Ethernet Switch	CAPITAL / ONETIME COSTS	$0	$0	$0	$21,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$4,000	$4,000

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15A	Test Server Operating Systems	CAPITAL / ONETIME COSTS	$0	$0	$0	$15,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$3,000	$3,000
15A	Database Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$45,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$8,000	$8,000
15A	Database Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$25,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$4,000	$4,000
15A	Enhanced Memory Systems (Database Server)	CAPITAL / ONETIME COSTS	$0	$0	$0	$25,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$4,000	$4,000
15A	Cluster Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$25,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$4,000	$4,000
15A	Cluster Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$25,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$4,000	$4,000
15A	Backup Software Systems	CAPITAL / ONETIME COSTS	$0	$0	$0	$60,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$11,000	$11,000
15A	Web Farm Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$25,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$4,000	$4,000
15B	Development Services (282 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$28,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
15B	VPN Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$45,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$8,000	$8,000

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16A	Development Services (922 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$30,000	$61,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
16A	Web-based NDLETS	CAPITAL / ONETIME COSTS	$0	$0	$0	$75,000	$100,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$13,000	$31,000
16B	Development Services (736 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$74,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
16B	Citation Fee and Resitution Management Application	CAPITAL / ONETIME COSTS	$0	$0	$0	$150,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$26,000	$26,000
16C	Development Services (788 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$79,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
16C	Intelligence Repository	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$215,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$38,000
17A	Development Services (532 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$53,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
17B	Development Services (806 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$81,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
18A	Development Services (314 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$31,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
18A	Unique Vendor Interfaces (3 Local System Interfaces)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$105,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0

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19A	Development Services (432 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$43,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
19A	DSS System Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$50,000	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$9,000
19B	Development Services (702 hours of programming support)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$70,000
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
19B	DSS System Software	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$350,000
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M1	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M2	Development Services (60 hours of programming support)	CAPITAL / ONETIME COSTS	$6,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M2	Centralized Help Desk Software Upgrade	CAPITAL / ONETIME COSTS	$30,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$5,000	$5,000	$5,000	$5,000	$5,000
M2	Helpdesk FTE 8x5	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$43,500	$58,000	$58,000	$58,000	$58,000	$58,000
M2	Helpdesk FTE 24x7	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$313,200	$313,200	$313,200	$313,200
M2	Helpdesk FTE 24x7	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$313,200	$313,200	$313,200

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
TACTICAL PROJECTS COST DETAIL

PROJECT ID	ITEM DESCRIPTION		FY0203	FY0304	FY0405	FY0506	FY0607	FY0708
M3	Automated Support and Resolution Software	CAPITAL / ONETIME COSTS	$15,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$3,000	$3,000	$3,000	$3,000	$3,000
M3	Development Services (60 hours of programming support)	CAPITAL / ONETIME COSTS	$31,000	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M4	Development Services (224 hours of programming support)	CAPITAL / ONETIME COSTS	$4,000	$4,000	$3,000	$3,000	$3,000	$3,000
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M4	Training Program Costs (Estimated External Training Costs)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$30,000	$30,000	$30,000	$20,000	$20,000	$10,000
M4	Technical Training Program Costs (Estimated External Technical Training Costs)	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$10,000	$10,000	$10,000	$8,000	$8,000	$5,000
M5	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M6	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M7	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M8	No Incremental Cost for this Project	CAPITAL / ONETIME COSTS	$0	$0	$0	$0	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0
M9	Implementation Expert - Management Consulting	CAPITAL / ONETIME COSTS	$100,000	$100,000	$50,000	$50,000	$0	$0
		OPERATING COSTS	$0	$0	$0	$0	$0	$0

STATE OF NORTH DAKOTA
CJIS IMPLEMENTATION PLAN
TACTICAL PROJECTS COST DETAIL

PROJECT ID	ITEM DESCRIPTION		FY0203	FY0304	FY0405	FY0506	FY0607	FY0708
	CJIS IMPLEMENTATION PLAN TOTALS	FY0203	FY0304	FY0405	FY0506	FY0607	FY0708	
	CAPITAL / ONETIME COST TOTALS	$2,253,000	$1,752,000	$1,651,000	$1,644,000	$1,024,000	$460,000	
	OPERATING COST TOTALS	$188,500	$459,000	$879,200	$1,313,400	$1,536,400	$1,626,400	